Ontario Statistics 1984

Ontario

Ministry of
Treasury and
Economics

Hon. Larry Grossman, Q.C., Treasurer
Brock A. Smith, Deputy Treasurer

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FOREWORD

I am sure you will find Ontario Statistics a useful and timely reference for socio-economic information on this Province. This 9th edition, which includes 33 sections, presents a comprehensive profile of Ontario and comparisons with the rest of Canada.

We gratefully acknowledge the contribution of Statistics Canada and many other federal, provincial, financial and industrial organizations in helping to produce this publication.

The Honourable Larry Grossman, Q.C.
Treasurer of Ontario and Minister of Economics

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INTRODUCTION

Ontario Statistics 1984 is the latest in a series of statistical handbooks which have been published since 1975. This year's publication has undergone a number of changes based on users' reactions to the previous edition. Due to the revision process no 1983 issue was produced.

Thirty-three subject areas are covered in four sections – the Land, the People, the Economy and the Government. Each chapter begins with a listing of the charts and tables that are included. A detailed description of the sources of data is provided to give the reader a broad sense of the strengths and weaknesses of different data series pertaining to similar subjects.

Ontario Statistics shows data for the Province as a whole, and includes comparisons to other regions of Canada where appropriate. To provide a better perspective on trends, more historical data have been added to this edition. Since Ontario Statistics is designed as a reference manual there is very little derived data. An exception is the new chapter on Women (Chapter 5) where data regarding women in Ontario are compared to those for men.

The Standard Industrial and Standard Occupational Classification conventions have been used in many chapters and the reader is referred to Statistics Canada catalogues 12-501E and 12-565E respectively for further information on these classification systems.

The symbols used in this volume are as follows:

..	figures not available
...	figures not appropriate or not applicable
–	nil or zero
—	amount too small to be expressed
p	preliminary figures
r	revised figures

Comments on "Ontario Statistics 1984" are welcomed and should be directed to the Statistics Section, Sectoral and Regional Policy Branch, Ministry of Treasury and Economics, Queen's Park, Toronto, Ontario. (Telephone (416) 965-0955).

Ontario Statistics 1984

THE LAND

Chapter 1
Natural Resources

Natural Resources

This chapter presents a physical description of Ontario, and includes:

- areas of land and water;
- capability of the soils for the production of crops;
- heights and elevation of land and water;
- areas of productive lands, i.e., farmland, forest land.

Sources of Data

The three main sources of data are:

- Ontario Ministry of Natural Resources;
- Environment Canada, Canadian Forestry Service;
- Statistics Canada.

The Ontario Ministry of Natural Resources publishes various media (maps, air photography, survey material, and reports) with respect to a number of resources related areas. These publications deal with data areas such as forest and trees management and surveying, fish and fisheries, lands and waters, the geology of Ontario and mineral policy in Ontario. Further information regarding printed material by the Ministry of Natural Resources can be found in the Spring, 1983 edition of *Publications*, at the Public Service Centre, Room 1640, 99 Wellesley St. W., Toronto, or through the Ministry's field offices and Northern Affairs offices for publications being ordered from outside the Toronto area. Telephone enquiries concerning Ministry of Natural Resources programs and services should be directed to Communications Services, telephone Toronto, 965-2756.

Ontario Minerals, a Ministry of Natural Resources pamphlet, provides a brief history of Ontario's geological past. An explanatory map of the structural areas as well as descriptions of common Ontario minerals is provided. Information with respect to Ontario's geological history can be obtained through the Geoscience Information Office, 8th Floor, Whitney Block, Queen's Park, telephone Toronto, 965-0190.

The Forestry Statistics and Systems Branch of the Canadian Forestry Service at Environment Canada working with the Canadian Forestry Inventory Committee, which includes all provincial and territorial chiefs of forest inventory, has compiled *Canada's Forest Inventory, 1981*. This publication provides data and mapping for various aspects of the forests in Canada and the provinces. Through a newly developed computer based system, data from agencies within provincial and federal governments can be integrated and presented in a more location specific summary. Mapping of forest areas is done according to computerized cells covering areas as small as 100 square kilometres. Age of inventory, forest land, ownership status, area of stocked productive forest land, age class and forest type are among a number of different variables stored in these cells. More detailed data are available through the Forestry Statistics and Systems Branch, Canadian Forestry Service, Environment Canada, Ottawa, Ontario, K1A 1G5.

The Canadian Forestry Service, through its Economics Branch, also provides economic data as well as surveyed inventories of forest land in Canada through *Selected Forestry Statistics*. The Branch is located on the 19th Floor, Place Vincent Massey, 351 St. Joseph Blvd., Hull, Quebec, telephone 997-1683.

Statistics Canada, in *Canada's Yearbook, 1980-81*, provides information on areas of land, freshwater, elevations of the Great Lakes, principal heights in each province and a number of other characteristics relating to the physical structure of Canada. General enquiries can be directed to Statistics Canada, telephone Ottawa, 990-8116.

Information on degree days was taken from the Fisheries and Environment Canada publication *Degree Days, 1941-1970*. This publication contains data from 247 stations across Ontario and similar data for other regions of Canada. The values for degree days below 18°C indicate the heating requirements for buildings in the cities listed.

Natural Resources

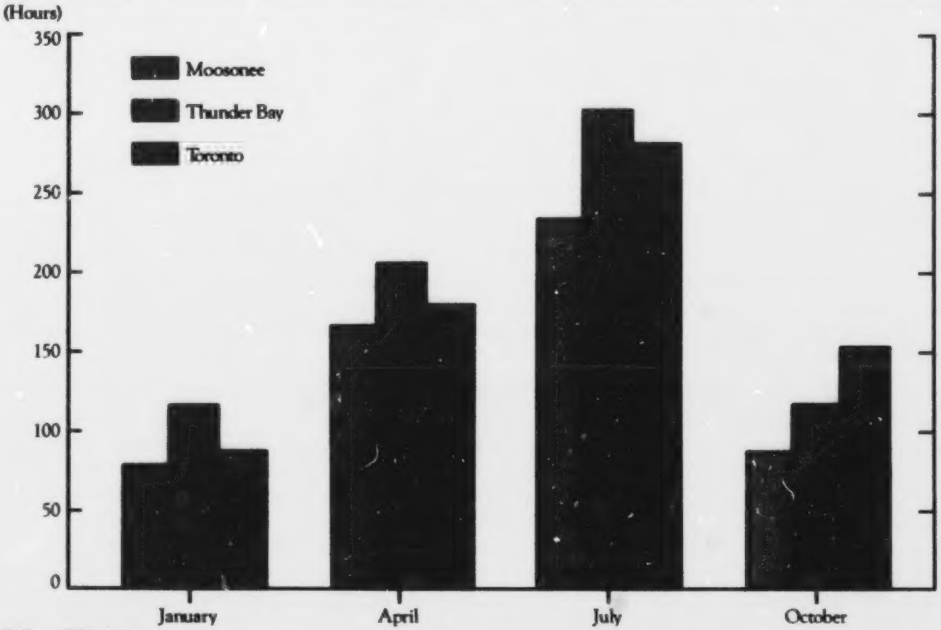
Charts:

1.1 Hours of Bright Sunshine, Selected Centres, Ontario
1.2 Mean Total Precipitation, Selected Centres, Ontario

Tables:

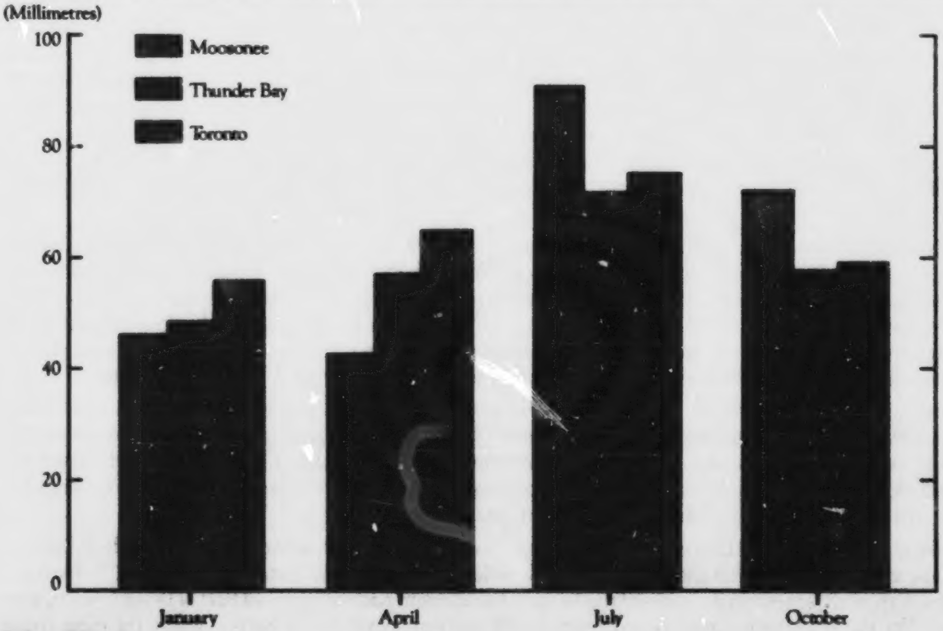
1.1 Land and Freshwater Areas, Ontario and Other Provinces of Canada
1.2 Mean Temperature, Precipitation, and Hours of Sunshine, by Month and Location, Ontario
1.3 Soil Capability for Agriculture, Ontario and Other Regions of Canada
1.4 Elevations, Areas and Depths of the Great Lakes
1.5 Principal Heights, Ontario, Highest Points, Other Provinces
1.6 Population and Farmland by Watersheds, Ontario, 1981
1.7 Land Area Classification, Ontario and Other Regions of Canada
1.8 Land Class, Ontario and Other Regions of Canada, 1981
1.9 Ownership of Forest Land, Ontario and Other Regions of Canada, 1981
1.10 Status of Forest Land, Ontario and Other Regions of Canada, 1981
1.11 Productivity of Forest Land, Ontario and Other Regions of Canada, 1981
1.12 Forest Type, Ontario and Other Regions of Canada, 1981
1.13 Volume of Wood by Species, Ontario and Other Regions of Canada, 1981
1.14 Silvicultural Operations, Crown Lands Treated, Ontario, 1971/72 to 1981/82
1.15 Silvicultural Operations by Type of Land, Area Treated, Ontario, 1981/82

Chart 1.1 Hours of Bright Sunshine, Selected Centres, Ontario



Refer to Table 1.2

Chart 1.2 Mean Total Precipitation, Selected Centres, Ontario



Refer to Table 1.2

Physical Description

Ontario is bounded by the Province of Quebec to the east, the Province of Manitoba to the west, Hudson Bay and James Bay to the north and by the states of New York, Ohio, Michigan and Minnesota to the south.

Ontario's northernmost point, at Hudson Bay, is at coordinates 56° 51′ 37″ latitude and 88° 52′ 55″ longitude while its western point is at 95° 09′ 21″ longitude and 49° 23′ 34″ latitude. The most easterly land point is 45° 12′ 19″ latitude, 74° 20′ 38″ longitude and the most easterly point on water is 45° 11′ 15″ latitude, 74° 19′ 16″ longitude. Point Pelee on Lake Erie is the southermost mainland mark at 41° 54′ 26″ latitude, 82° 30′ 30″ longitude. However, Middle Island in Lake Erie is the southernmost land mark at 41° 40′ 53″ latitude, 82° 41′ 09″ longitude and the Canada/United States border is further south at 41° 40′ 35″ latitude, 82° 24′ 11″ longitude.

Geological History

The Precambrian Shield in Ontario is divided into three structural domains or provinces. Based on age, structural differences, and degrees of metamorphism – rock changes due to heat and/or pressure – these structural provinces are called the Superior Province, the Southern Province and the Grenville Province. Younger deposits, primarily of sedimentary rocks, have filled down-warped basins on the Shield during the Phanerozoic Era – the last 600 million years.

The Superior Province, largest and oldest of the major geological subdivisions of Ontario, consists primarily of rocks formed more than 2,600 million years ago. Originally, this area consisted of numerous large volcanoes forming islands in an ancient sea, somewhat resembling the island-studded area of the present day south-west Pacific Ocean. Between these islands thick sequences of sedimentary rocks formed. At a later stage, about 2,600 million years ago, a major deformation – termed the Kenoran Orogeny – folded these volcanic and sedimentary rocks into nearly vertical positions and depressed them into hotter parts of the Earth's crust where they were metamorphosed. Immense molten granitic masses – termed batholiths – intruded and contorted the depressed rock sequences. Since then, erosion has exposed these batholiths (which today form 60 per cent of the Superior Province), as well as the metamorphosed earlier sequences of volcanic and sedimentary rocks. It is within these old metamorphosed volcanic and sedimentary rocks that the famous mines of Virginia Town, Kirkland Lake-Timmins, Wawa, Manitouwadge, Sturgeon Lake and Red Lake have been discovered.

After nearly 250 million years of erosion, deposition of the predominantly sedimentary rock sequence of the Southern Province began in the area extending from Sault Ste. Marie to Cobalt. In this area the famous Nipissing Diabase – a sheet-like intrusion of medium-grained dark coloured rock – was emplaced about 2,160 million years ago. Best known for its association with the rich mines of the Cobalt silver camp, this rock is widespread throughout the area. The origin of the Sudbury basin is still debated. Many geologists believe it to be related to a massive meteorite impact occuring 1,844 million years ago. The sedimentary rocks of the Thunder Bay and Lake Nipigon area were deposited between 2,000 and 1,350 million years ago. Slightly later, 1,090 million years ago, sheet-like intrusions – sills – of diabase wedged their way between the sedimentary layers. Today, these sills form the cap-rock of mesas and buttes, cause spectacular waterfalls, and enclose Ouimet Canyon. The Southern Province has produced the largest share of Ontario's mineral wealth from the mining camps of Cobalt, Sudbury, and Elliot Lake. As well, the provincial mineral emblem, amythest, occurs within rocks of the Southern Province near Thunder Bay.

The northern part of the Grenville Province consists of sandstone deposited at the edge of an old continent; volcanic rocks, limestones, and plutonic rocks predominate in the South. Most of the Grenville Province was subjected to repeated metamorphism. The last wide spread metamorphism occured between 1,200 and 1,000 million years ago, and as a result most of the rocks are now Gneissic – recrystallized colour-banded rocks. Metamorphism culminated between 1,100 and 900 million years ago with the injection of numerous granitic pegmatite dikes and the development of a unique nepheline syenite zone intruded by many pegmatites.

During the last 570 million years – the Phanerozoic Era – most rocks formed in Ontario have been sedimentary. Often fossils are imprisoned within them. At one time, most of Ontario was probably covered by Paleozoic rocks (the time period between 570 and 245 million years ago). More than 300 years of erosion has removed most of these rocks, leaving only two major basins of sedimentary rocks: the Hudson Bay-James Bay basin in the north, and the Great Lakes-St. Lawrence basin in the south.

The southern Ontario Paleozoic rocks outcrop close to present-day urban centres, providing building materials, salt, oil, and natural gas. During the Paleozoic Era, the Ontario climate was warmer. Tropical reef deposits, such as those seen in the rocks of the Niagara Escarpment and the Formosa Reef of Bruce County, were formed. The thickest accumulation of sediments (1,480 metres) is found near Sarnia, where the most recent sedimentary rocks preserved in southern Ontario were deposited some 360 million years ago. For the last 300 million years, all of Ontario with the exception of the Hudson Bay area has been essentially an eroding land area.

This erosion has left southern Ontario with famous land forms such as the Niagara Falls and Gorge, the Niagara Escarpment and interesting glacial features such as the striated rock surfaces and the deposits of the Peterborough Drumlins, the Norwood Esker, and the Oak Ridges Morraine.

The Phanerozoic rocks of the Hudson Bay and James Bay area have many points of similarity with those of southern Ontario. They consist almost entirely of sedimentary rocks, are divisible into two basins of deposition, and contain extensive deposits of gypsum, limestone and fossil fuels. The Moose River basin near the Ontario-Quebec border contains a thickness of nearly 800 metres of Mesozoic and Paleozoic rocks. The Mesozoic rocks, deposited between 175 and 110 million years ago, are the youngest sedimentary rocks in Ontario.

At various times during the last one million years, great ice sheets have covered Ontario. The most recent, or Wisconsinan, glaciation began its final melt-back about 18,000 years ago. Glaciation moulded much of the present landscape and determined the use we make of it. Former glacial lake plains produced the soils for farms, sandy glacial outwash deposits formed the soil of the great pine forests used in the forest industry, old meltwater channels provide the raw materials for the aggregate industry, and ridges of morraines exist as ground water reservoirs and barriers to the regular course of roads and rivers.

For more information, contact the Ministry of Natural Resources.

Table 1.1 Land and Freshwater Areas, Ontario and Other Provinces of Canada

	Land	Fresh-water	Total	% of Canada
		square kilometres		
Ontario	891,194	177,388	1,068,582	10.8
Newfoundland	370,485	34,032	404,517	4.1
Prince Edward Island	5,657	–	5,657	0.1
Nova Scotia	52,841	2,650	55,491	0.6
New Brunswick	72,092	1,344	73,436	0.7
Quebec	1,356,791	183,889	1,540,680	15.5
Manitoba	548,495	101,592	650,087	6.5
Saskatchewan	570,269	81,631	651,900	6.6
Alberta	644,389	16,796	661,185	6.6
British Columbia	930,528	18,068	948,596	9.5
Yukon	478,034	4,481	482,515	4.9
Northwest Territories	3,246,390	133,294	3,379,684	34.1
Canada	9,167,165	755,165	9,922,330	100.0

Source: Department of Energy Mines and Resources.

Table 1.2 Mean Temperature, Precipitation, and Hours of Sunshine, by Month and Location, Ontario

	Temperature	Degree Days	Bright Sunshine	Precipitation Rainfall	Precipitation Snowfall	Precipitation Total
	°C.		hrs.		millimetres	
January						
Toronto	- 6.3	694	87	22.9	351	55.6
London	- 6.0	746	69	31.2	496	76.2
Ottawa	- 10.9	899	96	14.0	485	59.9
Sudbury	- 12.2	982	97	4.8	396	44.5
Timmins	- 16.9	1,090	76	2.8	632	55.4
Thunder Bay	- 14.8	1,017	116	1.3	516	48.0
Moosonee	- 20.2	1,183	77	1.8	462	45.7
April						
Toronto	6.4	350	179	57.2	69	64.5
London	6.6	342	170	70.9	76	78.2
Ottawa	5.6	371	175	58.4	79	67.6
Sudbury	4.0	452	188	46.7	89	55.6
Timmins	1.3	502	165	27.7	193	45.7
Thunder Bay	2.4	469	205	36.6	201	56.4
Moosonee	- 2.3	608	165	19.3	234	42.2
July						
Toronto	20.7	10	281	74.9	–	74.9
London	20.5	12	274	81.3	–	81.3
Ottawa	20.7	10	277	81.3	–	81.3
Sudbury	19.7	33	267	68.8	–	68.8
Timmins	17.4	63	233	88.1	–	88.1
Thunder Bay	17.5	47	302	71.1	–	71.1
Moosonee	15.5	106	233	90.4	–	90.4
October						
Toronto	9.8	231	153	58.2	8	58.7
London	9.9	251	153	72.1	23	74.2
Ottawa	8.7	290	138	63.8	18	65.8
Sudbury	8.1	348	115	70.4	18	72.1
Timmins	5.4	396	92	56.9	124	68.3
Thunder Bay	6.1	371	116	53.5	36	56.9
Moosonee	4.7	414	86	58.7	132	71.6

Sources: Fisheries and Environment Canada, *Atmospheric Environment, Degree Days, 1941-1970.*
Ministry of Natural Resources.

Notes:
1. Monthly long-term averages. Sunshine noted under Sudbury is recorded from the North Bay Airport, and similarly Timmins is recorded in Kapuskasing.
2. A degree day is the difference between the average daily temperature and 18°C. when the average mean temperature is less than 18°C. The data shown is the sum of degree days for the month.
3. Bright sunshine refers to the number of hours during which sunlight can be concentrated by a lens to scorch a card.
4. Total precipitation per month is the sum of rainfall and water equivalent of snowfall, (roughly one tenth by volume).

Table 1.3 Soil Capability for Agriculture, Ontario and Other Regions of Canada

	Class				
	1	2	3	4	5
	'000's hectares				
Ontario	2,156.8	2,217.7	2,908.8	2,624.6	1,915.3
Atlantic	-	588.4	2,277.4	2,522.9	1,950.0
Quebec	19.6	907.1	1,277.2	2,580.5	1,658.6
West	1,969.8	12,477.6	18,662.7	17,268.5	28,824.8
Canada	4,146.1	16,190.8	25,126.1	24,996.5	34,348.8

Table 1.3 (cont'd.)

	Class		O	
	6	7	(Organic)	Unclassed
	'000's hectares			
Ontario	1,140.3	11,221.3	2,563.3	782.7
Atlantic	233.3	6,026.5	473.7	1,563.3
Quebec	10.7	20,599.6	1,516.9	132.1
West	15,392.1	20,760.3	13,522.3	73,442.4
Canada	16,776.3	58,607.7	18,076.2	75,920.5

Sources: Environment Canada, Lands Directorate, Land Data and Evaluation Branch.
British Columbia Environment and Land Use Committee Secretariat.
Ministry of Agriculture and Food, *Ontario Soils, Publication* 492.

Notes: 1. Summary of CLI Land Use Capability Classes.
Class 1 = Land has no significant limitations for a wide range of crops.
Class 2 = Land has moderate limitations that may restrict the range of crops.
Class 3 = Land has moderately severe limitations that restrict the range of crops.
Class 4 = Land is subject to severe limitations that restrict the range of crops.
Class 5 = Land is subject to severe limitations preventing the use of land for annual field crops.
Class 6 = Land is capable of producing perennial forage crops and should be kept in a permanent vegetative cover.
Class 7 = Land is not considered suitable for agriculture.
2. Unclassed = Unmapped areas, water areas, forest reserves, national parks, urban areas and provincial parks.
3. Data for Atlantic region includes areas of Newfoundland within a 100 mile (161 km) radius of St. John.
4. Data for West region includes British Columbia data using improved rating and O (Organic) soils which are included with the mineral soils of the same name.
5. The Yukon and Northwest Territories are not included in Canada Land Inventory.

Table 1.4 Elevations, Areas and Depths of the Great Lakes

	Elevation	Length	Breadth	Maximum Depth	Total Area	Area on Canadian Side of Boundary
	m.	km.	km.	m.	sq.km.	sq.km.
Superior	183	563	257	405	82,103	28,749
Michigan	176	494	190	281	57,757	-
Huron	176	332	295	229	59,570	36,001
St. Clair	175	42	39	6	1,114	694
Erie	174	388	92	64	25,667	12,769
Ontario	75	311	85	244	19,011	10,049

Source: Department of the Environment, Information Services Directorate.

Note: Elevation is the long-term mean, 1860-1972, International Great Lakes Datum, 1955.

Table 1.5 Principal Heights, Ontario, Highest Points, Other Provinces

Province and Range	Elevation m.
Ontario	
Highest point, Timiskaming District (47°20' 80°44')	693
Ogidaki Mountain	665
Batchawana Mountain	653
Tip Top Mountain	640
Niagara Escarpment	
Blue Mountain	541
Osler Bluff	526
Caledon Mountain	427
High Hill	354
Mount Nemo	305
Newfoundland	
Torngat Mountains Unnamed peak (58°53' 63°43')	1,652
Prince Edward Island	
Highest Point, Queens County (46°20' 63°27')	142
Nova Scotia	
Highest Point, Cape Breton (46°42' 60°36')	532
New Brunswick	
Mount Carleton	820
Quebec	
Mount D'Iberville (Torngat Mountains)	1,652
Manitoba	
Bakly Mountain	832
Saskatchewan	
Cypress Hills	1,392
Alberta	
Mount Columbia	3,747
British Columbia	
St. Elias Mountains Fairweather Mountain	4,663
Yukon	
St. Elias Mountains Mount Logan	5,951
Northwest Territories	
Mainland Mount Sir James MacBrien	2,762

Source: Department of Energy, Mines and Resources, Topographical Survey Division.

Table 1.6 Population and Farmland by Watersheds, Ontario, 1981

	Population	Area	Population Density	Urban Population	Farms	Total Farmland	Total Cropland
	'000's	'000's sq.km.	person/ sq.km.	'000's		'000's hectares	
Atlantic Basin							
West St. Lawrence	256.3	4.8	53.4	168.4	3.4	278.4	142.2
West St. Lawrence (Ontario portion)	190.6	4.1	46.6	125.1	2.6	223.3	101.0
Lower Ottawa	946.7	56.1	16.9	693.7	8.5	736.7	348.4
Lower Ottawa (Ontario portion)	588.7	9.8	59.9	466.2	6.0	482.3	264.4
Upper Ottawa	351.8	90.6	3.9	216.7	5.5	640.7	232.4
Upper Ottawa (Ontario portion)	252.7	42.6	5.9	160.6	4.1	452.8	161.7
Belleville-Napanee Area, Lake Ontario	178.3	7.1	25.3	104.5	2.9	281.3	121.0
Trent System, Lake Ontario	217.5	12.8	17.0	112.8	5.1	406.4	183.9
Oshawa-Colborne Area, Lake Ontario	197.5	1.9	103.4	159.7	1.7	109.2	63.2
Toronto Area, Lake Ontario	2,642.7	3.1	866.5	2,574.5	2.2	120.1	80.3
Hamilton Area, Lake Ontario	704.7	2.3	306.4	636.4	2.2	109.3	70.1
Niagara Peninsula	611.1	2.6	238.3	550.8	4.2	136.4	103.2
Grand River	583.0	7.0	82.9	465.7	8.8	532.6	395.8
Erie Shoreline	490.1	7.3	67.0	337.2	9.9	568.5	464.7
Thames River	464.8	5.8	80.1	381.9	7.0	478.8	401.4
Sydenham River	83.3	3.4	24.5	43.2	4.1	307.2	245.6
South Huron	294.8	13.9	21.2	161.6	12.4	978.8	618.7
Georgian Bay, Lake Simcoe	384.4	22.7	16.9	217.9	6.1	447.9	241.9
North Huron	371.8	55.9	6.7	291.1	1.7	220.7	58.9
Lake Superior	180.4	101.8	1.8	145.1	.4	36.5	14.8
Hudon Bay Basin							
Harricanaw River	57.4	42.6	1.3	35.7	.3	42.9	15.3
Harricanaw River (Ontario portion)	2.9	16.3	0.2	1.2	-	-	-
Moose River	123.3	112.3	1.1	77.8	.8	112.6	37.4
Moose River (Ontario portion)	98.4	108.6	0.9	68.9	.3	45.7	14.1
Albany River	5.7	100.2	0.1	1.8	..	..	..
Southwest Hudson Bay	7.3	325.9	—	-	-	-	-
Southwest Hudson Bay (Ontario portion)	7.3	304.6	—	-	-	-	-
Hayes River	5.1	107.9	—	-	-	-	-
Hayes River (Ontario portion)	-	15.9	-	-	-	-	-
Lake Winnipeg	114.5	227.8	0.5	46.9	3.1	571.0	272.0
Lake Winnipeg (Ontario portion)	74.3	130.6	0.6	40.9	.6	101.7	30.0

Sources: Statistics Canada, *1981 Census of Population.*
1981 Census of Agriculture.

Table 1.7 Land Area Classification, Ontario and Other Regions of Canada

	Forest Land					
	Inventoried	Not Inventoried	Total	Agricultural Land	Other Land	Total Land
			'000's square kilometres			
Ontario	432	375	807	60	24	891
Atlantic	251	-	251	12	239	502
Quebec	624	316	940	38	379	1,357
West	2,117	249	2,366	549	3,502	6,417
Canada	3,425	940	4,364	659	4,144	9,167
Ontario % of Canada	12.6	39.9	18.5	9.1	0.6	9.7

Source: Environment Canada, *Selected Forestry Statistics – Canada*, E-X-32.

Table 1.8 Land Class, Ontario and Other Regions of Canada, 1981

	Forest	Non-forest	Undetermined	Total
		'000's square kilometres		
Ontario	431.9	13.3	0.4	445.6
Atlantic	251.4	64.1	154.3	469.8
Quebec	624.0	37.8	–	661.8
West	2,117.6	831.8	109.0	3,058.4
Canada	3,424.9	947.0	263.0	4,635.5
Ontario % of Canada	12.6	1.4	0.1	9.6

Source: Department of the Environment, *Canada's Forest Inventory, 1981*.

Note: Canada's Forest Inventory does not inventory all lands.

Table 1.9 Ownership of Forest Land, Ontario and Other Regions of Canada, 1981

	Federal	Provincial	Private	Municipal	Undetermined	Total
			'000's square kilometres			
Ontario	6.9	381.5	43.4	–	0.1	431.9
Atlantic	4.3	176.3	67.8	–	2.9	251.4
Quebec	1.9	555.8	66.3	–	–	624.0
West	706.0	1,189.3	21.4	0.9	0.1	2,117.6
Canada	919.1	2,302.9	199.0	0.9	3.1	3,424.9
Ontario % of Canada	0.8	16.6	21.8	–	2.3	12.6

Source Department of the Environment, *Canada's Forest Inventory, 1981*.

Note: See note, Table 1.8.

Table 1.10 Status of Forest Land, Ontario and Other Regions of Canada, 1981

		Nonreserved					
	Reserved	Assigned	Retained	Other	Total	Undetermined	Total
			'000's square kilometres				
Ontario	3.6	–	378.7	43.4	422.2	6.2	431.9
Atlantic	2.2	59.9	114.7	62.8	237.4	11.7	251.4
Quebec	0.6	197.7	359.3	66.3	623.4	—	624.0
West	72.7	17.8	1,830.7	21.7	1,872.2	172.8	2,117.6
Canada	79.1	275.5	2,685.5	194.2	3,155.1	190.7	3,424.9
Ontario % of Canada	4.5	–	14.1	22.4	13.4	3.2	12.6

Source: Department of the Environment, *Canada's Forest Inventory, 1981*

Note: See note, Table 1.8.

Table 1.11 Productivity of Forest Land, Ontario and Other Regions of Canada, 1981

	Productive	Unproductive	Undetermined	Total
		'000's square kilometres		
Ontario	377.0	54.9	–	431.9
Atlantic	178.6	64.0	8.8	251.4
Quebec	533.4	90.6	–	624.0
West	1,113.1	973.4	31.1	2,117.9
Canada	2,202.1	1,183.0	39.9	3,424.9
Ontario % of Canada	17.1	4.6	–	12.6

Source: Department of the Environment, *Canada's Forest Inventory, 1981*.

Note: See note, Table 1.8.

Table 1.12 Forest Type, Ontario and Other Regions of Canada, 1981

	Softwood	Mixedwood	Hardwood	Undetermined	Total
			'000's square kilometres		
Ontario	170.7	105.4	54.7	0.1	330.8
Atlantic	110.0	43.1	15.4	–	168.6
Quebec	323.2	98.4	62.4	4.7	488.7
West	632.1	186.0	107.1	0.1	925.2
Canada	1,235.9	433.0	239.5	4.9	1,913.3
Ontario % of Canada	13.8	24.3	22.8	1.2	17.3

Source: Department of the Environment, *Canada's Forest Inventory, 1981.*

Notes: 1. Data refers only to stocked, productive, nonreserved forest land.
2. See note, Table 1.8.

Table 1.13 Volume of Wood by Species, Ontario and Other Regions of Canada, 1981

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			millions of cubic metres			
Softwoods						
Spruce	1,292	289	1,781	2,754	6,116	21.1
Pine	553	33	226	2,229	3,041	18.2
Fir	157	211	977	1,370	2,715	5.8
Hemlock	12	14	25	1,173	1,224	1.0
Cedar	49	38	70	627	784	6.3
Douglas Fir	–	–	–	614	614	–
Unspecified	12	341	10	713	1,076	1.1
Total	2,075	926	3,089	9,480	15,570	13.3
Hardwoods						
Aspen/Poplar	609	43	255	1,341	2,248	27.1
Birch	337	63	483	74	957	35.2
Maple	139	118	236	6	499	27.9
Unspecified	38	64	70	198	370	10.3
Total	1,123	288	1,044	1,619	4,074	27.6
Total	3,198	1,214	4,133	11,099	19,644	16.3

Source: Environment Canada, *Selected Forestry Statistics – Canada, E-X-32.*

Note: Volume of wood refers to gross merchantable wood on inventoried, stocked, productive, nonreserved forest land.

Table 1.14 Silvicultural Operations, Crown Lands Treated, Ontario, 1971/72 to 1981/82

Year	Regeneration	Retreatment	Tending	Site Preparation	Marking	Total
				hectares		
1981/82	77,097	2,263	30,814	53,289	38,954	202,417
1980/81	95,668	7,981	39,113	51,057	43,390	237,209
1979/80	71,863	2,072	27,860	49,061	50,607	201,463
1978/79	70,715	3,435	35,512	42,834	50,243	202,739
1977/78	72,582	8,982	39,919	41,895	46,572	209,950
1976/77	64,358	..	28,895	34,694	46,271	174,218
1975/76	62,265	..	23,937	39,110	36,851	162,163
1974/75	66,334	..	25,946	31,105	35,317	158,702
1973/74	53.264	..	22,107	29,111	31,372	135,854
1972/73	60,721	..	15,745	23,377	13,012	112,855
1971/72	67,712	..	30,709	23,390	968	122,779

Source: Ministry of Natural Resources, *Statistics.*

Note: Data are for fiscal year ending March 31.

Table 1.15 **Silvicultural Operations by Type of Land, Area Treated, Ontario, 1981/82**

	Crown Land	Agreement Forests	Agreements Under W.I.A.	Other Patent Lands	Total
			hectares		
Regeneration					
Planting Bare Root Stock	22,561	504	5,263	3,145	31,473
Planting Container Stock	6,357	88	174	15	6,634
Planting Hybrid Poplar Cuttings	31	6	15	–	52
Seeding	27,869	–	–	–	27,869
Scarification	1,653	–	–	–	1,653
Strip Cutting	2,879	6	–	–	2,885
Seed Tree Cutting	3,100	12	–	–	3,112
Shelterwood Cutting	7,738	–	80	12	7,830
Clear Cutting	4,909	49	–	97	5,055
Total	77,097	665	5,532	3,269	86,563
Retreatment	2,263	143	1,867	–	4,273
Tending					
Hand Cleaning	3,686	375	481	11	4,553
Herbicide Spraying	19,668	727	2,203	886	23,484
Thinning Improvement Cuts	6,679	1,722	1,588	1,455	11,444
Pruning	618	541	440	10	1,609
Fertilization Drainage	163	149	43	–	355
Total	30,814	3,514	4,755	2,362	41,445
Site Preparation	53,289	456	1,709	51	55,505
Marking	38,954	2,732	4,292	8,017	53,995
Total	202,417	7,510	18,155	13,699	241,781

Source: Ministry of Natural Resources, *Statistics, 1982*.

Notes: 1. Crown Land includes land under Forest Management Agreements.
2. W.I.A. refers to the Woodlands Improvement Act.
3. Site preparation includes seeding, planting or modified harvest cutting.
4. See note, Table 1.14.

Chapter 2
Land Use

Land Use

General trends in physical structure and the utilization of resources within Ontario are reflected by the allocation of land for various uses. This chapter presents land use data in the following areas:

- land tenure;
- characteristics of physical structure;
- government land management;
- historical trends;
- distribution of population by type of municipality.

Sources of Data

The main sources of data are:

- Statistics Canada, including the Census of Agriculture;
- Municipal Analysis and Retrieval System (MARS) of the Ministry of Municipal Affairs and Housing;
- Ministry of Natural Resources.

Statistics Canada provides information on land use in *Canada's Yearbook, 1980-81.* It includes data on land tenure with respect to private, federal and provincial ownership of all land in Canada.

Railway Transport, Part III, (52-209) , is part 3 of a six part annual series on railway transport in Canada. Information with respect to equipment, length of track, and consumption of fuel through the use of motive power equipment for Canada and the provinces is its main focus. Enquiries should be directed to Surface and Marine Transport Section, Transportation and Communications Division, Statistics Canada, telephone Ottawa, 990-8693.

Area of farmland and improved farmland statistics, as well as land patent statistics are derived from the Census of Agriculture. The Census of Agriculture has been taken every 5 years since 1951 and every 10 years between 1871 and 1951. Taken in conjunction with the Census of Population and Housing, it encompasses a range of variables including tenure of land, farm areas, use of land and crops. For a more extensive list of variables and explanation of the census, see Chapter 16 – Agriculture. As well as the series of census publications, data can be obtained through CANSIM, computer tape, microfiche and special requests to the Agricultural Statistics Division of Statistics Canada, telephone Ottawa, 990-8711. Historical series for these tabulations can be found in the second edition of *Historical Statistics of Canada.*

Statistics, the Ministry of Natural Resources publication, is an annual report on the various aspects of the Ministry and its branches. The Land Management Branch of the Lands and Waters Group provides information on the management of lands which have been acquired by the Crown for Ministry of Natural Resources purposes. Information regarding land management can be obtained through the Land Management Branch, telephone Toronto, 965-1316.

The Ministry of Natural Resources publication, *Provincial Parks Annual Statistical Report*, lists historical information on the number of campsites and area by provincial park in Ontario. The Parks and Recreational Areas Branch is located at 99 Wellesley St. W., Toronto, telephone 965-5160.

The Municipal Analysis and Retrieval System (MARS), developed and maintained by the Ontario Ministry of Municipal Affairs and Housing, is a large database providing information on municipally organized areas with respect to population, land area, number of households and many other characteristics. This gives an indication of the dispersion of such series throughout the organized areas of the province (i.e., cities, towns, villages, and townships by Metropolitan Toronto, regional municipalities, counties and districts). Any enquiries regarding the MARS database should be directed to the Municipal Management Policy Branch, telephone Toronto, 585-7228.

Land Use

Tables:

2.1 Area Classified by Tenure, Ontario and Other Regions of Canada, 1978
2.2 Assessable Units by Class, Ontario, 1980 to 1982
2.3 Provincial Parks Summary, Ontario, 1962 to 1982
2.4 Surfaced Roads and Streets, Ontario and Other Regions of Canada, Selected Years, 1941 to 1976
2.5 Railroads, First Main Track, Ontario and Other Regions of Canada, Selected Years, 1910 to 1981
2.6 Land in Farm Holdings, Ontario and Other Regions of Canada, Census Years, 1871 to 1981
2.7 Improved Land in Farm Holdings, Ontario and Other Regions of Canada, Census Years, 1871 to 1981
2.8 Land Area Patented, Ontario and Other Regions of Canada, 1917 to 1971
2.9 Lands Acquired by the Crown for Natural Resources Uses, Ontario, 1975 to 1983
2.10 Area and Population for Municipalities, Ontario, 1982

Table 2.1 Area Classified by Tenure, Ontario and Other Regions of Canada, 1978

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's square kilometres			
Federal Crown Lands	1.3	2.2	1.2	3,675.9	3,680.5	—
National Parks	1.9	4.1	0.8	123.3	130.2	1.5
Indian Reserves	6.7	0.3	0.8	18.6	26.3	18.4
Privately Owned Land	119.0	100.0	119.4	623.8	962.3	12.4
Provincial Parks	52.3	1.2	130.0	64.9	248.4	21.1
Other Provincial Area	710.0	393.2	1,104.6	1,911.6	4,119.4	17.2
Freshwater Area	177.4	38.0	183.9	355.9	755.2	23.5
Total Area	1,068.6	539.1	1,540.7	6,774.0	9,922.3	10.7

Source: Statistics Canada, *Canada Yearbook, 1980-81.*

Notes: 1. Federal Crown Lands refers to those other than National Parks and Indian Reserves and includes Federal Forest Experiment Stations.
2. Privately Owned Land includes land in the process of alienation from the Crown.
3. Other Provincial Area includes provincial forests, municipally-owned land, conservation authorities, county forests, territorial area and area other than in provincial parks or provincial forests.

Table 2.2 Assessable Units by Class, Ontario, 1980 to 1982

	Residential Sector				Private Sector	
Year	Residences	Cottages	Farm Residences	Total	Commercial Property	Industrial Property
			'000's			
1982	3,032.6	188.4	118.1	3,339.1	270.5	21.0
1981	3,012.3	187.7	119.9	3,319.9	269.0	21.4
1980	2,969.9	186.2	123.0	3,279.1	258.5	20.3

Table 2.2 (cont'd.)

	Private Sector (cont'd.)					
Year	Car Parks	Railway, Pipeline & Distribution	Vacant Commercial & Industrial Buildings	Mining Land	Farm Land	Vacant Land
			'000's			
1982	47.5	6.7	60.1	6.1	116.6	560.5
1981	45.6	6.8	53.9	6.1	114.8	544.5
1980	41.5	6.7	51.7	6.3	114.1	543.5

Table 2.2 (cont'd.)

	Private Sector (cont'd.)			Public Sector		
Year	Other Taxable Properties	Religious, Cemeteries & Charitable Organizations	Total	Provincial Government	Ontario Hydro	Other Provincial Agencies
			'000's			
1982	20.5	21.0	1,130.3	5.1	3.4	1.8
1981	19.4	21.8	1,103.4	..	..	..
1980	17.9	21.9	1,082.3	..	..	..

Table 2.2 (cont'd.)

Year	Public Sector (cont'd.) Federal Government & Agencies	Municipal	Public Utilities	Education	Conservation Authorities	Total	Total
				'000's			
1982	5.3	18.9	4.4	7.4	3.4	49.8	4,519.2
1981	..	..	..	..	..	..	..
1980	..	..	..	..	..	..	..

Source: Ministry of Municipal Affairs and Housing, Municipal Analysis and Retrieval System, (MARS).

Note: Data not available for Public Sector in years 1980 and 1981.

Table 2.3 Provincial Parks Summary, Ontario, 1962 to 1982

Year	Parks	Area	Campsites
	#	'000's ha	'000's
1982	132	4,254	20
1981	131	4,253	21
1980	131	4,257	21
1979	128	4,255	21
1978	128	4,272	20
1977	126	4,360	20
1976	122	4,359	20
1975	121	4,236	20
1974	117	4,215	20
1973	115	4,211	20
1972	115	4,194	20
1971	113	4,161	19
1970	108	4,143	18
1969	97	3,391	18
1968	96	1,523	17
1967	94	1,520	16
1966	92	1,516	16
1965	89	1,514	15
1964	88	1,502	15
1963	86	1,496	14
1962	81	1,409	13

Source: Ministry of Natural Resources, *Ontario Provincial Parks Annual Statistical Report*.

Notes:
1. Redefinition of park boundaries in 1978 resulted in lower overall area.
2. Wilderness Parks are included.
3. Data do not include Niagara Parks Commission, St. Clair Parks Commission, St. Lawrence Parks Commission or parks under Ministry of Tourism and Recreation (historical naval and military establishments, Old Fort William, Minaki Lodge, Thunder Bay Ski Jumps, Ontario Place, Huronia Historical Parks). Total area of parks is about 4,300 hectares.
4. Data exclude provincial park reserve areas.

Table 2.4 **Surfaced Roads and Streets, Ontario and Other Regions of Canada, Selected Years, 1941 to 1976**

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			kilometres			
1976	154,568	68,959	102,509	386,903	712,938	21.7
1975	151,900	68,618	101,133	378,118	699,769	21.7
1974	149,592	67,512	96,519	371,591	685,214	21.8
1973	148,578	65,959	96,180	365,023	675,740	22.0
1972	146,831	65,087	95,328	356,978	664,224	22.1
1971	152,654	64,793	84,400	349,634	651,481	23.4
1966	135,758	52,127	88,072	302,864	578,823	23.5
1961	137,598	52,901	80,513	241,384	512,396	26.9
1956	117,317	47,073	59,739	145,968	370,097	31.7
1951	106,665	38,692	48,378	103,283	297,020	35.9
1941	98,558	25,781	37,295	47,792	209,426	47.1

Source: Statistics Canada, *Road and Street Length and Financing, (53-201).*

Table 2.5 **Railroads, First Main Track, Ontario and Other Regions of Canada, Selected Years, 1910 to 1981**

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			kilometres			
1981	15,367	6,461	8,322	35,585	65,736	23.2
1980	15,502	6,521	8,322	36,086	66,431	23.1
1979	15,751	6,520	8,370	36,433	67,073	23.5
1975	15,786	6,613	8,687	38,978	70,064	22.5
1970	16,151	6,700	8,574	38,799	70,225	22.8
1965	16,010	7,287	8,573	37,606	69,475	23.1
1960	16,484	6,948	8,412	38,455	70,299	23.3
1950	16,827	6,795	7,715	37,271	68,608	24.3
1940	16,994	5,680	7,730	37,538	67,942	24.8
1930	17,599	5,858	7,870	35,794	67,121	26.0
1920	17,701	5,685	7,950	30,703	62,038	28.3
1910	13,242	5,055	6,106	15,388	39,792	33.3

Source: Statistics Canada, *Railway Transport, Part III, (52-209).*

Note: First Main Track represents the aggregate length of roadway, excluding yardtrack and sidings. A kilometre of railway line may include two or more parallel tracks which are not counted separately. Jointly used track is also only counted once.

Table 2.6 Land in Farm Holdings, Ontario and Other Regions of Canada, Census Years, 1871 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's of hectares			
1981	6,039.2	1,220.4	3,779.2	54,850.1	65,888.9	9.2
1976	6,261.7	1,288.3	4,008.9	56,866.2	68,427.0	9.2
1971	6,460.0	1,418.8	4,371.0	56,410.7	68,662.6	9.4
1966	7,213.9	1,878.1	5,214.8	56,157.4	70,465.9	10.2
1961	7,518.7	2,203.5	5,745.7	54,358.2	69,828.9	10.8
1956	8,045.1	2,789.9	6,438.5	53,108.9	70,384.5	11.4
1951	8,449.8	3,166.3	6,793.1	52,024.4	70,434.3	12.0
1941	9,060.1	3,621.9	7,309.8	50,247.0	70,239.7	12.9
1931	9,243.4	3,903.2	7,002.7	45,860.6	66,011.9	14.0
1921	9,157.6	4,131.8	6,983.7	36,742.6	57,015.3	16.1
1911	8,972.7	4,451.5	6,318.4	24,354.8	44,098.2	20.3
1901	8,640.0	4,337.8	5,845.3	6,842.8	25,666.0	33.7
1891	8,535.6	4,761.5	6,459.6	4,640.9	24,397.7	35.0
1881	7,794.2	4,181.6	5,109.6	1,270.3	18,355.7	42.5
1871	6,540.5	3,585.1	4,462.1	–	14,587.7	44.8

Sources: Statistics Canada, *Historical Statistics of Canada, Second Edition.*
Census of Agriculture.

Notes: 1. The Atlantic region does not include Newfoundland prior to 1949 or Prince Edward Island prior to 1873.
2. Data for Yukon and Northwest Territories are included in Canada total only for years 1931 through 1981.
3. Data for Manitoba, Saskatchewan and Alberta Indian reserves include only improved land for farm holdings in 1911 and 1921.
4. Data for Quebec in 1891 include arpents which were not converted to comparable units.
5. Data for West in 1891 include Northwest Territories west of Manitoba.

Table 2.7 Improved Land in Farm Holdings, Ontario and Other Regions of Canada, Census Years, 1871 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's of hectares			
1981	4,518.6	583.1	2,360.3	38,659.6	46,121.6	9.8
1976	4,479.6	572.3	2,396.8	36,777.2	44,226.7	10.1
1971	4,396.9	560.9	2,610.2	36,197.5	43,766.3	10.0
1966	4,857.8	694.4	3,087.3	35,128.7	43,768.4	11.1
1961	4,869.6	741.4	3,182.4	33,052.3	41,845.7	11.6
1956	5,087.7	910.5	3,492.4	31,109.4	40,600.5	12.5
1951	5,136.7	948.2	3,573.0	29,537.2	39,195.0	13.1
1941	5,407.8	1,126.6	3,667.7	26,880.8	37,084.2	14.6
1931	5,371.4	1,190.2	3,639.7	24,493.6	34,694.9	15.5
1921	5,329.3	1,265.5	3,668.5	18,375.6	28,639.6	18.6
1911	5,525.2	1,404.7	3,303.0	9,489.1	19,721.9	28.0
1901	5,368.6	1,373.1	3,010.9	2,455.2	12,207.7	44.0
1891	5,729.5	1,708.6	3,509.0	628.1	11,575.2	49.5
1881	4,570.5	1,496.1	2,594.0	187.8	8,848.9	51.7
1871	3,575.0	1,132.3	2,308.3	–	7,015.6	51.0

Sources: Statistics Canada, *Historical Statistics of Canada, Second Edition.*
Census of Agriculture.

Note: See notes, Table 2.6.

Table 2.8 Land Area Patented, Ontario and Other Regions of Canada, 1917 to 1971

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's hectares			
1967 – 1971	12.1	14.7	..	1,095.8	1,122.7	1.1
1962 – 1966	39.8	21.5	..	791.9	853.3	4.7
1957 – 1961	52.2	20.1	21.9	755.3	849.8	6.1
1952 – 1956	98.7	37.1	174.7	551.7	863.5	11.4
1947 – 1951	129.1	57.9	163.8	644.9	999.1	12.9
1942 – 1946	123.4	46.6	192.6	1,222.9	1,589.4	7.8
1937 – 1941	76.9	23.6	198.3	1,638.7	1,946.3	4.0
1932 – 1936	79.9	12.6	99.5	1,266.0	1,458.1	5.5
1927 – 1931	152.8	23.8	160.1	1,747.2	2,084.0	7.3
1922 – 1926	205.5	30.8	313.6	2,646.8	3,196.7	6.4
1917 – 1921	199.8	54.3	484.7	6,752.6	7,491.4	2.7

Source: Statistics Canada, *Historical Statistics of Canada, Second Edition.*

Notes: 1. See Table 2.6, note 1.

2. Area patented is a measure of the amount of Crown land alienated from the Crown for the first time. Patented means that a deed bearing title to the land has been drawn up by the federal or a provincial government for Crown land not previously transferred into private hands.

Table 2.9 Lands Acquired by the Crown for Natural Resources Uses, Ontario, 1975 to 1983

Year	Provincial Parks	Lands General	Sport Fisheries	Wildlife Management	Timber Management	Total
				hectares		
1983	261	56	146	213	726	1,402
1982	588	32	47	24	31	722
1981	549	–	51	3	100	703
1980	2,350	109	16	–	5	2,480
1979	2,028	79	–	–	3	2,110
1978	548	4	–	111	4,332	4,995
1977	630	140	81	248	2	1,101
1976	2,143	12	6	163	–	2,325
1975	4,815	87	1	384	–	5,286

Source: Ministry of Natural Resources, *Statistics, 1983.*

Note: Data are for years ending March 31.

Table 2.10 **Area and Population for Municipalities, Ontario, 1982**

	Metropolitan Toronto	Regional Municipalities	Counties	Districts	Total
			'000's hectares		
Area					
Cities	63.8	360.4	85.8	386.2	396.2
Towns & Villages	...	800.4	91.5	484.5	1,376.4
Townships	...	735.7	8,255.0	2,863.1	11,853.8
Total	63.8	1,896.5	8,432.3	3,733.8	14,126.5
			'000's		
Population					
Cities	2,107.7	2,133.2	1,105.0	287.4	5,633.3
Towns & Villages	...	761.4	514.5	174.7	1,450.6
Townships	...	235.5	984.6	145.5	1,365.6
Total	2,107.7	3,130.1	2,604.0	607.6	8,449.4
Households					
Cities	821.6	790.2	434.7	103.9	2,150.3
Towns & Villages	...	258.3	204.9	72.3	535.5
Townships	...	85.6	433.0	83.6	602.1
Total	821.6	1,134.1	1,072.6	259.8	3,288.0
			number		
Population Per Hectare					
Cities	33.0	5.9	12.9	0.7	6.3
Towns & Villages	...	1.0	5.6	0.4	1.0
Townships	...	0.3	0.1	0.1	0.1
Total	33.0	1.7	0.3	0.2	0.6

Source: Ministry of Municipal Affairs and Housing, Municipal Analysis and Retrieval System, (MARS).

Notes: 1. The major part of northern Ontario is not organized into municipalities and is excluded from this table. According to 1981 Census of Canada, the areas of Ontario which were not municipally organized in 1981 totalled 77,244,432 hectares, with 16,565 households, a population of 53,451, and an average population per hecture of 0.0007.

2. Cities includes Boroughs in Metropolitan Toronto and Townships includes Improvement Districts and Moosonee Development Board.

THE PEOPLE

Chapter 3
Population

Population

The data in this chapter cover population in terms of:

- basic characteristics;
- cultural characteristics;
- components of population change;
- marriages and divorces.

Basic characteristics include total population and its distribution by age, sex and marital status, as well as some derived data such as growth rates and age dependency ratios. Data on cultural characteristics include mother tongue, birthplace and ethnic origin. The components of population change are births, deaths, international immigration and emigration and interprovincial migration to and from Ontario.

Additional detailed characteristics of the female population are included in Chapter 5, Women, while demographic data on families and households are presented in Chapter 4.

Sources of Data

The main sources of data are:

- Census of Canada;
- Statistics Canada's estimates of population, emigration and interprovincial migration;
- Statistics Canada's Special Survey on Migration;
- Vital statistics records of the Registrar General of Ontario;
- Employment and Immigration Canada's immigration records;
- Department of Indian and Northern Affairs records of Registered Indians;
- Secretary of State files on citizenship;
- Department of Justice registry of divorces;
- The Municipal Analysis and Retrieval System (MARS) database of the Ministry of Municipal Affairs and Housing.

The Census of Canada is the most extensive source of population data available. By law, census data are used to determine the allocation of seats in Parliament and in the provincial legislatures, electoral boundaries and specified information such as counts of the two official languages. A variety of federal-provincial-municipal agreements and programs are based on census data.

A census has been taken in the first week of June every ten years since 1871, and every five years since 1956. Basic information on age, sex, marital status, households, families, housing and language is collected from 100% of the population. A random sample of households, with data weighted to produce estimates for the entire population, is used to gather a broader range of data on cultural, social and economic variables. The sample size was 33% in 1971 and 1976, and 20% in 1981. The decennial censuses (those held in years ending in 1) collect information on more variables than the quinquennial censuses (those held in years ending in 6).

Canadians posted abroad with the armed forces or the diplomatic service are counted in the census data but are excluded from data on mobility and housing. In 1981, residents of institutions were not included in the 20% sample, in contrast to the 1971 and 1976 censuses which included institutional residents in many of the sample variable tabulations.

Marital status has been defined differently in particular censuses. In 1961 and 1966, the category Separated was included with Now Married, whereas from 1971 on it appears separately. Since 1976, common law relationships have been included in the Married category.

The mobility status data are collected in response to the question, 'Where did you live 5 years ago?' Persons moving more than once during the five-year period will be counted only once, while persons who have migrated and then died or left Canada will not be counted at all.

Mother tongue refers to the first language learned in childhood and still understood. It does not necessarily indicate the language used by a given individual at the time of the census.

Ethnic origin refers to the ethnic or cultural groups to which the respondent or the respondent's ancestors belonged on first coming to this continent. It therefore differs from citizenship, nationality and birthplace. In the 1981 Census, a person could indicate more than one ethnic origin. The data reflect the respondent's perceptions which do not necessarily correspond to the general definitions used. There are some apparent anomalies in the 1981 data based on a misinterpretation of the ethnic origin question. This is evident when ethnic origin is cross-classified by place of birth, mother tongue or religion. For example, some tabulations include a small number of Native Peoples with an Asian Indian mother tongue. Such anomalies affect less than 1% of the data.

The census is one of the most reliable sources of demographic data. Tests are conducted after each census to assess accuracy and reliability. Evaluations of the 1981 census data are published in *Data Quality – Total Population, (99-904),* and *Data Quality – Sample Population, (99-905).* These publications describe census methodology and contain measures of errors in coverage, response, processing and sampling. Similar publications have been produced for earlier censuses.

Detailed data from the census are issued in a large number of publications produced by Statistics Canada. In addition, both standard and special tabulations are available in computer printout, microfiche, microfilm and magnetic tape format. Maps and other geographic reference materials are available for some types of data. Aggregated data are also available on CANSIM. A number of reference documents identify what data are available and provide definitions of the terms used, and information on data comparability between censuses. These reference publications are: *Products and Services of the 1981 Census of Canada; 1981 Census Dictionary, (99-901); Summary Guide – Total Population, (99-902);* and *Summary Guide – Sample Population, (99-903).*

Enquiries about census data should be directed to the Census Division of Statistics Canada, telephone Ottawa, 990-8116.

The Demography Division of Statistics Canada publishes annual population estimates by age, sex and marital status for June 1 of non-census years, with quarterly estimates available for some data items. Postcensal estimates are based on the population from the most recent census, adjusted for births, deaths, immigration, emigration, and net migration between provinces. After each census, revisions are made to the postcensal estimates. These intercensal estimates are, therefore, compatible with census data.

The Demography Division also produces quarterly and annual estimates of interprovincial migration and emigration. Interprovincial migration data are based on address changes recorded in the taxation files of Revenue Canada and the family allowance files of Health and Welfare Canada. Adjustments are made to account for the population not included in these files. These data are not comparable with census data on mobility because the migration estimates represent an annual count of migration, whereas the census shows the number of people moving at least once in a five-year period. Emigration estimates are also based on the tax and family allowance files supplemented by data provided by the United States and the United Kingdom on the number of immigrants they receive whose last country of residence was Canada. Estimates of both interprovincial migration and emigration are based on incomplete records and are, therefore, less reliable than data on other components of population change.

Data dealing with population estimates, emigration and interprovincial migration are available in Statistics Canada's catalogues, (series 91). Most of the data are available on CANSIM. For more detailed information, contact the Demography Division of Statistics Canada, telephone Ottawa, 990-9581.

In August 1982, Statistics Canada conducted a one-time-only sample survey on migration patterns of the working age population during the 1976 – 1982 period. Data on movers were collected by age, sex, number of moves made, occupation and labour force activity. Data obtained from this survey are not comparable with other sources because of differences in methodology, universe and time period. A summary report was published in the May 1983 issue of *The Labour Force, (71-001).* Additional information can be obtained from the Labour Force Division of Statistics Canada, telephone Ottawa, 990-9448.

Information on births, deaths and marriages is collected by the Registrar General of Ontario and published annually in *Ontario Vital Statistics*. The data are also published by Statistics Canada and are available on CANSIM. Further information can be obtained from the Office of the Registrar General, telephone Toronto, 965-2284, and from the Health Division of Statistics Canada, telephone Ottawa, 990-8553.

Employment and Immigration Canada compiles information on immigrants entering Canada, issued annually in *Immigration Statistics*. Data at the aggregate level are available on CANSIM. Further information can be obtained from the Priorities and Program Co-ordination Branch, Employment and Immigration Canada, telephone Ottawa, 994-3641.

The federal Department of Indian and Northern Affairs maintains a list of Registered Native Indians. Registered Indian status dates to the signing of treaties with particular bands. It is inherited and can also be acquired or forfeited through marriage. These statistics are not comparable with census counts due to differences in definition of the Indian population. The census includes all persons declaring themselves to be Native Indians, while Indian and Northern Affairs counts only Registered Indians. The Department produces a number of publications on the Registered Indian population with data classified by age, sex and geographic area. Further information can be obtained from the Indian and Inuit Affairs Program, telephone Ottawa, 997-9117.

Data on the number of persons granted citizenship each year are collected by the Citizenship Registration Branch of the Secretary of State and published in *Canadian Citizenship Statistics*. Furtner information can be obtained from the Citizenship Registration Branch, telephone Ottawa, 994-2581.

Divorce data are recorded by the Central Divorce Registry of the federal Department of Justice. Statistics on divorce are based on the number of decrees absolute granted. Information on divorces is published both by Statistics Canada in *Marriages and Divorces, (84-205)*, and the Registrar General of Ontario in *Ontario Vital Statistics*. Enquiries should be directed to the Health Division of Statistics Canada, telephone Ottawa, 990-8553, or to the Office of the Registrar General, telephone Toronto, 965-2284.

Data on assessed population are obtained from enumerations done by the Ontario Ministry of Revenue for municipal grant and election purposes. Since 1981, complete enumerations are conducted every three years, rather than annually. Population from this source is not directly comparable with the census due to the different universes and time periods involved. Indians on reservations and residents of correctional institutions and short-stay general hospitals are not included. Municipal enumerations do not refer to a specific date, but are conducted over a period of time. The data are accessible through the Municipal Analysis and Retrieval System (MARS) database of the Ministry of Municipal Affairs and Housing and are published in the *Municipal Directory*. Enquiries regarding these data should be directed to the Municipal Management Policy Branch, Ministry of Municipal Affairs and Housing, telephone Toronto, 585-7223.

Population

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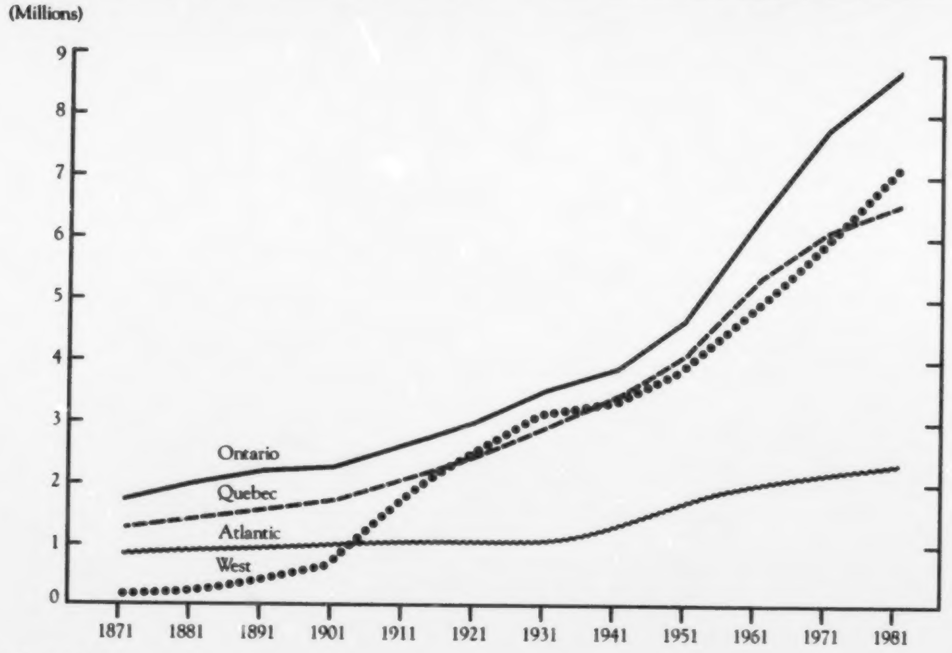
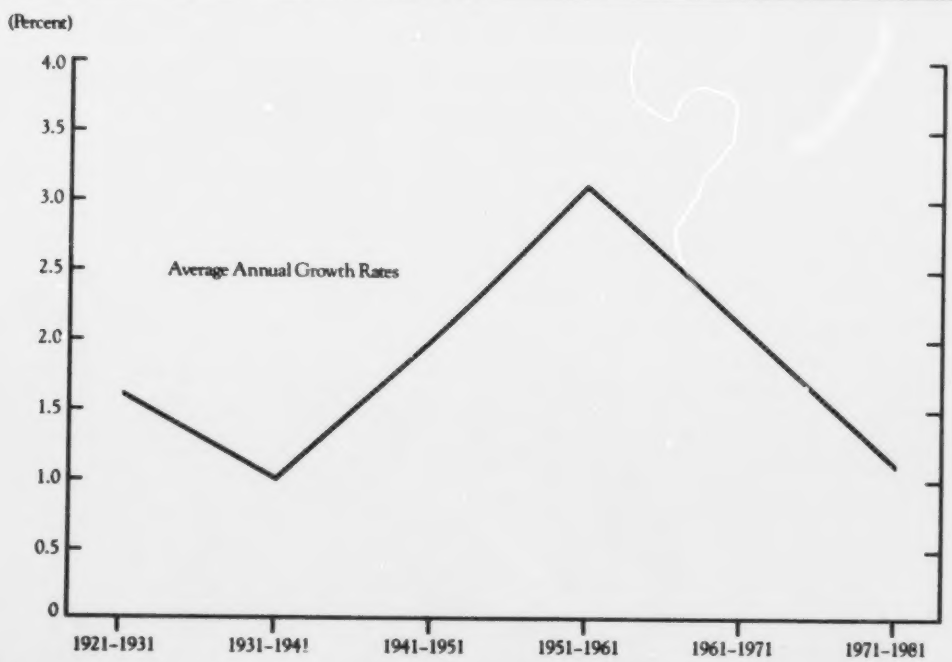
Chart 3.1 Population, Ontario and Other Regions of Canada, Census Years, 1871 to 1981



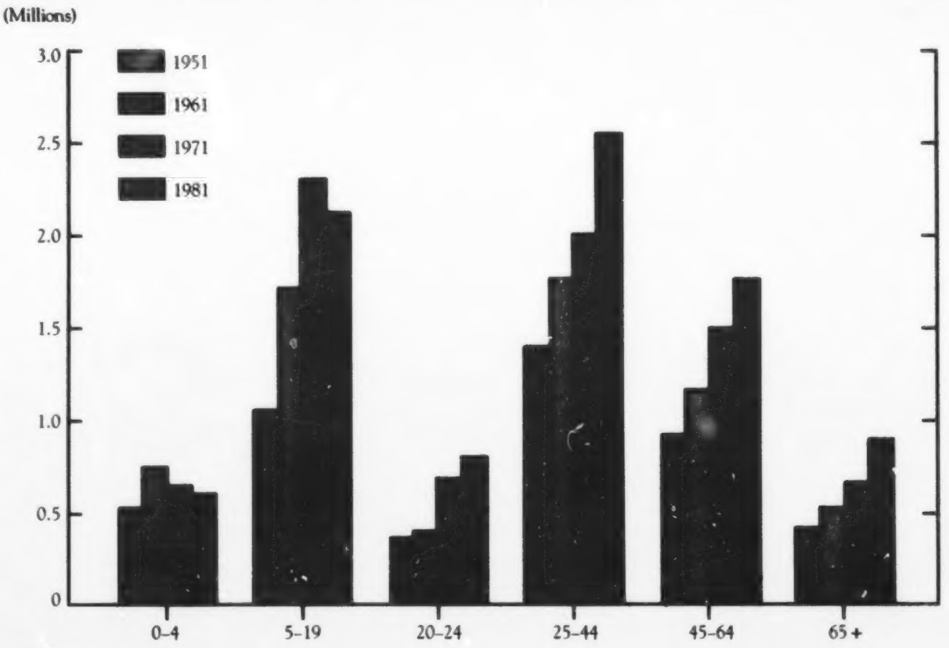
Refer to Table 3.1

Chart 3.2 Population Growth in Ontario, Selected Intervals, 1921 to 1981



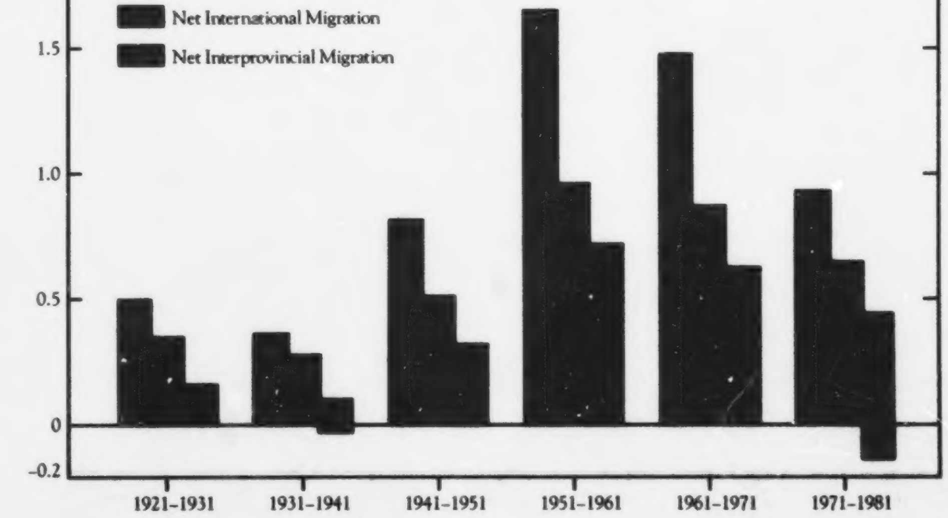
Refer to Table 3.2

Chart 3.3 Population by Age Groups, Ontario, Census Years, 1951 to 1981



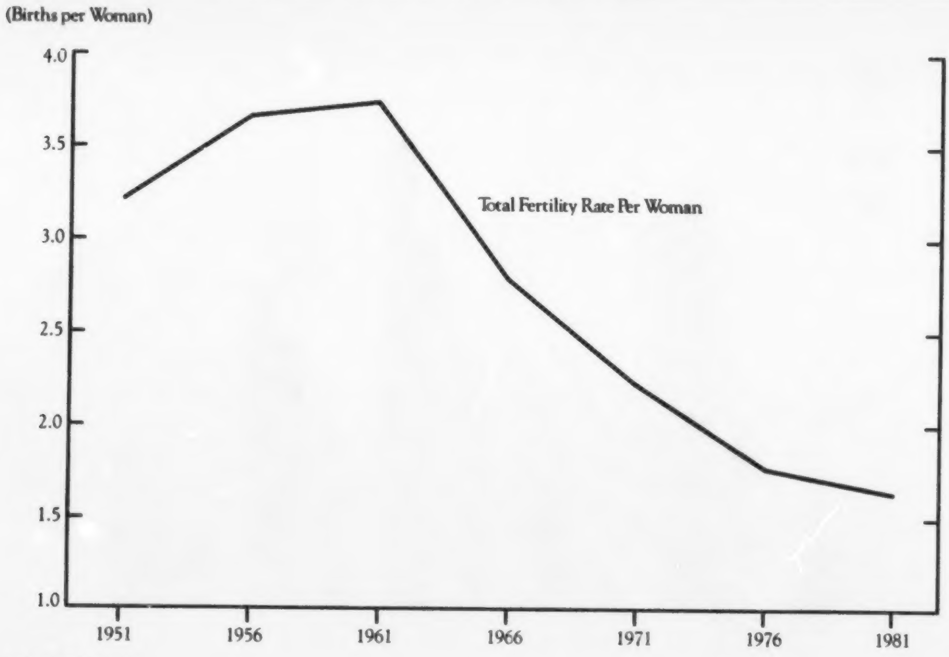
Refer to Table 3.6

Chart 3.4 Components of Population Change, Ontario, Ten Year Intervals, 1921 to 1981



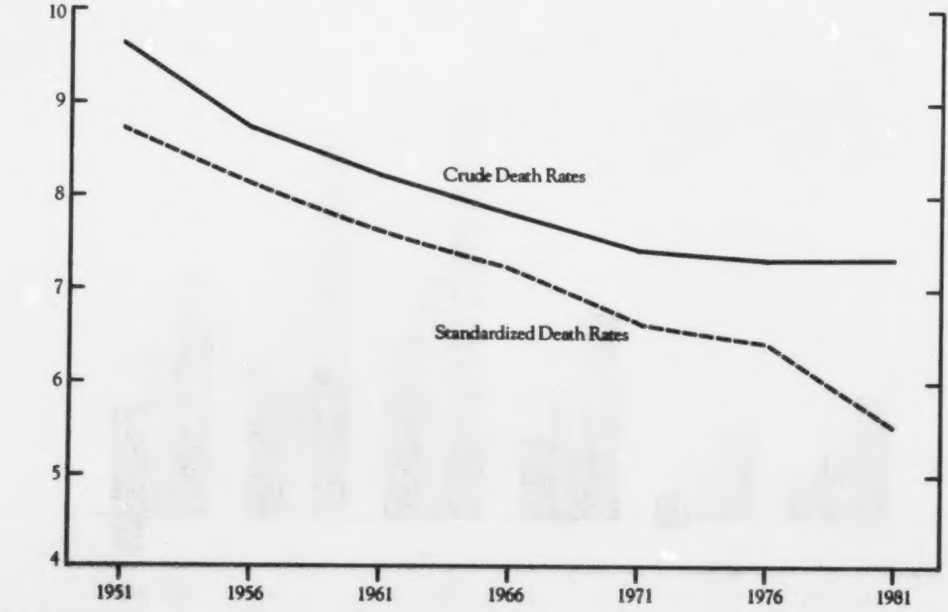
Refer to Table 3.25

Chart 3.5 Total Fertility Rate, Ontario, Census Years, 1951 to 1981



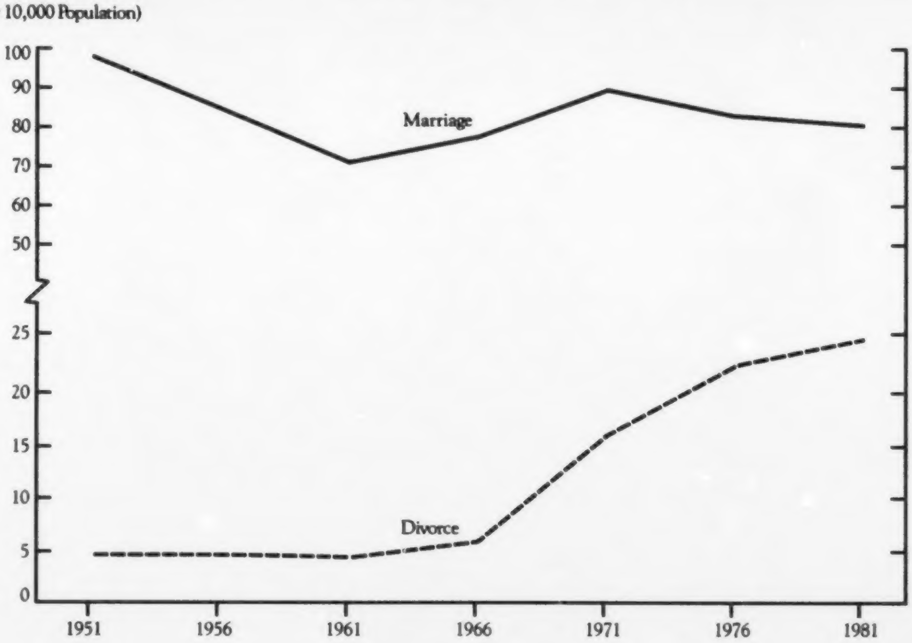
Refer to Table 3.29

Chart 3.6 Crude and Standardized Death Rates, Ontario, Census Years, 1951 to 1981



Refer to Tables 3.32 and 3.33

Chart 3.7 Marriage and Divorce Rates, Ontario, Census Years, 1951 to 1981



Refer to Table 3.60

Table 3.1 Population, Ontario and Other Regions of Canada, Selected Years, 1867 to 1983

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1983p	8,815.9	2,267.9	6,521.6	7,284.5	24,889.8	35.4
1982p	8,715.8	2,243.3	6,482.4	7,192.6	24,634.2	35.4
1981	8,625.1	2,234.0	6,438.4	7,045.6	24,343.2	35.4
1980	8,569.7	2,228.9	6,386.1	6,857.9	24,042.5	35.6
1979	8,501.3	2,219.2	6,338.9	6,687.8	23,747.3	35.8
1978	8,439.6	2,208.1	6,302.4	6,567.0	23,517.0	35.9
1977	8,353.1	2,196.6	6,284.0	6,439.0	23,272.8	35.9
1976	8,264.5	2,181.7	6,234.4	6,311.8	22,992.6	35.9
1975	8,172.2	2,150.9	6,179.0	6,195.0	22,697.1	36.0
1974	8,054.1	2,121.8	6,122.7	6,065.4	22,363.9	36.0
1973	7,908.8	2,102.6	6,078.9	5,952.5	22,043.0	35.9
1972	7,809.9	2,077.3	6,053.6	5,860.7	21,801.3	35.8
1971	7,703.1	2,057.3	6,027.8	5,780.1	21,568.3	35.7
1966	6,960.9	1,974.7	5,780.8	5,298.5	20,014.9	34.8
1961	6,236.1	1,897.4	5,259.2	4,845.6	18,238.2	34.2
1956	5,404.9	1,763.7	4,628.4	4,283.8	16,080.8	33.6
1951	4,597.5	1,618.1	4,055.7	3,738.0	14,009.4	32.8
1941	3,787.7	1,130.4	3,331.9	3,256.7	11,506.7	32.9
1931	3,431.7	1,009.1	2,874.7	3,061.3	10,376.8	33.1
1921	2,933.7	1,000.3	2,360.5	2,493.0	8,787.9	33.4
1911	2,527.3	938.0	2,005.8	1,735.6	7,206.6	35.1
1901	2,183.0	894.0	1,648.9	645.5	5,371.3	40.6
1891	2,114.3	880.7	1,488.5	349.6	4,833.2	43.7
1881	1,926.9	870.7	1,359.0	168.2	4,324.8	44.6
1871	1,621.0	768.0	1,191.0	109.0	3,689.0	43.9
1867	1,525.0	723.0	1,123.0	92.0	3,463.0	44.0

Sources: Statistics Canada, *Estimates of Population for Canada and the Provinces, June 1, 1983, (91-201).*
Daily, April 21, 1983, (11-001).
Revised Annual Estimates of Population by Sex and Age for Canada and the Provinces, 1971-1976, (91-518).
Census of Canada.
Historical Statistics of Canada, Second Edition.

Table 3.2 Average Annual Growth Rates, Ontario and Other Regions of Canada, Selected Years, 1921 to 1983

Year	Ontario	Atlantic	Quebec	West	Canada
			percent		
1982 – 1983P	1.1	1.1	0.6	1.3	1.0
1981 – 1982P	1.1	0.4	0.7	2.1	1.2
1980 – 1981	0.6	0.2	0.8	2.7	1.3
1979 – 1980	0.8	0.4	0.7	2.5	1.2
1978 – 1979	0.7	0.5	0.6	1.8	1.0
1977 – 1978	1.0	0.5	0.3	2.0	1.0
1976 – 1977	1.1	0.7	0.8	2.0	1.2
1976 – 1981	0.9	0.5	0.6	2.2	1.1
1971 – 1976	1.4	1.2	0.7	1.8	1.3
1966 – 1971	2.0	0.8	0.8	1.8	1.5
1961 – 1966	2.2	0.8	1.9	1.8	1.9
1956 – 1961	2.9	1.5	2.6	2.5	2.5
1951 – 1956	3.3	1.7	2.7	2.8	2.8
1941 – 1951	2.0	3.7	2.0	1.4	2.0
1931 – 1941	1.0	1.1	1.5	0.6	1.0
1921 – 1931	1.6	0.1	2.0	2.1	1.7

Source: Ministry of Treasury and Economics, Statistical Services Branch.

Note: Rates were calculated based on population data in Table 3.1.

Table 3.3 Male Population, Ontario and Other Regions of Canada, Selected Years, 1881 to 1983

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1983P	4,335.7	1,127.0	3,208.0	3,652.9	12,323.6	35.2
1982P	4,288.9	1,115.4	3,191.2	3,610.0	12,205.5	35.1
1981	4,246.8	1,112.2	3,172.2	3,537.1	12,068.3	35.2
1980	4,225.2	1,111.7	3,149.1	3,443.3	11,929.3	35.4
1979	4,197.2	1,109.0	3,128.5	3,358.4	11,793.1	35.6
1978	4,172.4	1,105.4	3,113.1	3,298.5	11,689.2	35.7
1977	4,135.2	1,101.7	3,106.5	3,235.0	11,578.3	35.7
1976	4,096.9	1,096.2	3,084.6	3,171.8	11,449.5	35.8
1975	4,055.9	1,081.6	3,059.7	3,116.5	11,313.8	35.8
1974	4,001.9	1,068.0	3,034.3	3,054.7	11,159.0	35.9
1973	3,934.3	1,059.2	3,015.0	3,001.7	11,010.4	35.7
1972	3,889.6	1,047.4	3,004.9	2,958.9	10,900.8	35.7
1971	3,840.9	1,038.2	2,994.6	2,921.7	10,795.4	35.6
1966	3,479.2	997.8	2,886.0	2,691.5	10,054.3	34.6
1961	3,134.5	965.0	2,631.9	2,487.5	9,218.9	34.0
1956	2,721.5	897.2	2,317.7	2,215.5	8,151.9	33.4
1951	2,314.2	819.5	2,022.1	1,933.0	7,088.9	32.6
1941	1,921.2	579.4	1,673.0	1,727.0	5,900.5	32.6
1931	1,748.8	517.1	1,447.3	1,661.3	5,374.5	32.5
1921	1,481.9	508.7	1,179.7	1,358.9	4,529.6	32.7
1911	1,301.3	478.0	1,012.8	1,030.0	3,822.0	34.0
1901	1,096.6	454.2	824.5	376.4	2,751.7	39.9
1891	1,069.5	445.7	744.1	201.1	2,460.5	43.5
1881	978.6	439.4	678.2	92.7	2,188.9	44.7

Sources: Statistics Canada, *Daily, April 21, May 6 and September 19, 1983, (11-001).*
Revised Annual Estimates of Population by Sex and Age for Canada and the Provinces, 1971-1976, (91-518).
Census of Canada.

Table 3.4 Female Population, Ontario and Other Regions of Canada, Selected Years, 1881 to 1983

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1983p	4,480.2	1,140.9	3,313.6	3,631.5	12,566.2	35.7
1982p	4,426.8	1,128.0	3,291.3	3,582.7	12,428.8	35.6
1981	4,378.3	1,121.8	3,266.2	3,508.5	12,274.9	35.7
1980	4,344.4	1,117.2	3,237.0	3,414.6	12,113.2	35.9
1979	4,304.1	1,110.3	3,210.5	3,329.3	11,954.2	36.0
1978	4,267.2	1,102.8	3,189.4	3,268.6	11,827.8	36.1
1977	4,217.9	1,095.0	3,177.4	3,204.2	11,694.4	36.1
1976	4,167.6	1,085.5	3,149.8	3,140.1	11,543.1	36.1
1975	4,116.4	1,069.2	3,119.3	3,078.5	11,383.3	36.2
1974	4,052.2	1,053.8	3,088.4	3,010[illegible]	11,204.9	36.2
1973	3,974.5	1,043.4	3,063.8	2,950.9	11,032.6	36.0
1972	3,920.3	1,029.8	3,048.7	2,901.8	10,900.5	36.0
1971	3,862.2	1,019.0	3,033.2	2,858.5	10,772.9	35.9
1966	3,481.7	977.0	2,895.0	2,606.9	9,960.5	35.0
1961	3,101.6	932.5	2,627.4	2,358.0	9,019.4	34.4
1956	2,683.4	866.5	2,310.7	2,068.3	7,928.9	33.8
1951	2,283.4	798.6	2,033.6	1,805.0	6,920.6	33.0
1941	1,866.5	551.0	1,658.9	1,529.7	5,606.1	33.3
1931	1,682.8	492.0	1,427.3	1,400.1	5,002.2	33.6
1921	1,451.8	491.6	1,180.9	1,134.1	4,258.3	34.1
1911	1,226.0	460.0	993.0	705.7	3,384.6	36.2
1901	1,086.3	439.7	824.4	269.1	2,619.6	41.5
1891	1,044.8	435.0	744.4	148.5	2,372.8	44.0
1881	948.4	431.3	680.9	75.4	2,136.0	44.4

Sources: Statistics Canada, *Daily, April 21, May 6 and September 19, 1983, (11-001).*
Revised Annual Estimates of Population by Sex and Age for Canada and the Provinces, 1971-1976, (91-518).
Census of Canada.

Table 3.5 Males per 100 Females, Ontario and Other Regions of Canada, Selected Years, 1921 to 1983

Year	Ontario	Atlantic	Quebec	West	Canada
			number		
1983^{p}	97	99	97	101	98
1982^{p}	97	99	97	101	98
1981	97	99	97	101	98
1980	97	100	97	101	98
1979	98	100	97	101	99
1978	98	100	98	101	99
1977	98	101	98	101	99
1976	98	101	98	101	99
1975	99	101	98	101	99
1974	99	101	98	101	100
1973	99	102	98	102	100
1972	99	102	99	102	100
1971	99	102	99	102	100
1966	100	102	100	103	101
1961	101	103	100	105	102
1956	101	104	100	107	103
1951	101	103	99	107	102
1941	103	105	101	113	105
1931	104	105	101	119	107
1921	102	103	100	120	106

Source: Ministry of Treasury and Economics, Statistical Services Branch.

Note: Calculated based on population data in Tables 3.3 and 3.4.

Table 3.6 Population by Five-Year Age Groups, Ontario, Selected Years, 1921 to 1983

Year	0 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 – 29	30 – 34
				'000's			
1983^{p}	603.5	603.5	663.4	753.6	820.2	763.3	717.1
1982^{p}	597.4	609.3	669.5	785.1	801.8	748.6	714.7
1981	593.0	617.3	676.3	808.9	789.7	734.8	721.5
1980	596.2	632.6	688.6	825.6	781.4	732.3	702.8
1979	600.7	643.1	711.9	826.1	776.6	721.1	680.7
1978	602.6	653.8	745.5	821.8	770.8	715.6	658.8
1977	604.1	658.5	777.3	814.1	759.4	711.5	629.0
1976	607.2	667.8	798.8	808.0	744.4	715.8	586.4
1975	624.2	675.4	816.8	787.2	727.9	696.3	566.4
1974	630.6	693.0	817.2	772.5	704.6	670.4	543.3
1973	630.5	722.4	808.7	751.7	680.0	638.7	515.7
1972	632.0	758.0	798.2	733.6	672.0	609.5	494.7
1971	637.3	783.5	787.7	713.4	674.1	567.3	478.1
1966	745.7	770.1	688.3	599.2	485.1	433.9	447.2
1961	740.2	674.5	593.0	436.9	387.0	422.7	459.8
1956	628.8	563.7	425.9	346.8	365.2	417.4	438.7
1951	514.7	399.3	325.3	315.7	352.4	387.2	351.0
1941	297.9	301.5	324.8	339.1	324.0	315.7	286.5
1931	307.7	333.0	318.3	319.0	291.3	264.8	252.2
1921	301.8	307.9	275.8	254.9	239.9	238.5	224.4

Table 3.6 (cont'd.)

Year	35 – 39	40 – 44	45 – 49	50 – 54	55 – 59	60 – 64	65 – 69
				'000's			
1983^{p}	656.6	526.9	467.9	470.8	455.6	398.0	309.2
1982^{p}	624.9	506.4	466.8	470.6	451.7	376.3	309.9
1981	581.2	491.9	468.0	468.9	448.8	356.5	305.5
1980	562.5	483.3	470.8	466.5	443.0	339.9	299.9
1979	545.9	476.8	474.3	463.9	433.6	330.0	289.4
1978	526.9	471.6	475.3	464.7	413.5	329.8	280.3
1977	504.7	472.8	473.2	464.0	391.0	329.0	271.5
1976	490.0	474.5	471.9	55.0	369.4	326.3	260.9
1975	482.1	476.1	472.6	457.3	353.3	321.2	251.3
1974	474.5	478.0	472.0	446.6	344.8	309.8	245.3
1973	466.4	475.7	472.2	424.8	344.6	299.5	238.7
1972	466.8	475.3	470.4	402.6	345.5	290.1	233.2
1971	468.5	474.1	469.8	381.1	343.6	280.0	227.8
1966	472.6	469.4	391.0	353.4	293.3	244.1	199.2
1961	469.3	397.3	360.7	310.0	258.3	218.5	180.1
1956	390.8	361.1	312.2	269.3	236.5	194.1	167.4
1951	340.8	302.3	268.1	247.5	210.3	182.5	155.1
1941	268.4	250.3	232.6	214.1	181.7	149.6	116.3
1931	246.7	228.6	206.2	177.7	137.1	115.0	92.7
1921	219.5	187.1	161.1	141.2	112.4	96.9	69.8

Table 3.6 (cont'd.)

Year	70 – 74	75 – 79	80 – 84	85 – 89	90 +	Total
			'000's			
1983^{p}	248.7	172.2	106.0	53.3	25.9	8,815.9
1982^{p}	239.2	166.4	101.3	51.5	24.5	8,715.8
1981	231.0	161.0	98.0	49.4	23.3	8,625.1
1980	223.2	156.2	94.8	47.1	22.7	8,569.7
1979	216.6	151.5	91.4	45.5	22.0	8,501.3
1978	209.5	146.3	88.0	44.2	20.7	8,439.6
1977	203.1	141.2	85.6	43.0	20.1	8,353.1
1976	197.3	137.0	83.0	41.5	19.3	8,264.5
1975	192.5	132.5	80.8	40.6	17.8	8,172.2
1974	187.3	128.5	79.3	39.6	16.8	8,054.1
1973	181.4	125.8	78.1	38.3	15.8	7,908.8
1972	175.8	123.7	76.3	37.3	14.9	7,809.9
1971	171.5	121.0	74.4	35.9	13.9	7,703.1
1966	159.0	108.5	63.2	27.9	9.8	6,960.9
1961	146.3	97.7	53.5	22.6	7.9	6,236.1
1956	134.2	83.2	44.4	18.8	6.4	5,404.9
1951	115.9	70.4	38.0	15.8	5.1	4,597.5
1941	85.9	55.2	29.6	11.0	3.2	3,787.7
1931	71.6	40.0	19.8	7.7	2.4	3,431.7
1921	48.0	29.6	16.1	6.6	2.1	2,933.7

Sources: Statistics Canada, *Daily, April 21, May 6 and September 19, 1983, (11-001).*
Revised Annual Estimates of Population by Sex and Age for Canada and the Provinces, 1971-1976, (91-518).
Census of Canada.

Table 3.7 Male Population by Five-Year Age Groups, Ontario, Selected Years, 1921 to 1983

Year	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34
				'000's			
1983^{p}	308.7	309.2	340.9	386.1	411.2	373.9	352.2
1982^{p}	305.8	312.6	343.7	402.3	400.0	365.6	352.4
1981	303.7	317.3	346.7	413.4	392.7	358.8	357.1
1980	305.3	325.2	353.3	420.9	389.0	358.4	349.3
1979	307.8	330.5	365.0	420.8	386.1	354.2	339.8
1978	308.8	335.9	382.3	418.7	382.2	352.8	330.0
1977	309.8	337.9	398.5	415.4	375.9	352.6	316.1
1976	311.7	342.0	409.3	412.7	368.3	356.4	295.7
1975	320.4	345.9	418.5	400.8	360.8	347.5	285.9
1974	323.5	354.9	418.8	392.5	350.2	335.0	274.8
1973	323.5	370.0	414.8	381.5	338.4	319.5	260.4
1972	323.9	388.7	409.0	372.3	334.7	304.8	250.7
1971	326.2	401.2	403.7	362.1	334.9	286.7	242.0
1966	382.5	393.4	351.9	304.7	240.7	215.4	226.6
1961	379.2	345.3	304.0	223.1	190.4	213.6	233.8
1956	320.7	287.4	217.8	176.0	182.4	212.0	216.9
1951	263.5	204.6	165.7	160.2	176.9	190.3	173.7
1941	151.5	152.9	164.6	172.1	163.6	159.9	145.6
1931	156.1	168.8	161.6	163.4	147.7	135.9	128.8
1921	153.2	155.6	139.4	128.1	116.3	118.1	113.3

Table 3.7 (cont'd.)

Year	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69
				'000's			
1983^{p}	327.9	264.1	235.5	237.1	221.0	187.7	142.3
1982^{p}	312.9	254.0	235.4	236.8	218.2	177.9	142.6
1981	291.5	247.2	236.5	235.5	215.8	168.8	141.1
1980	282.5	243.4	238.7	232.9	212.8	161.2	138.8
1979	274.3	240.7	241.0	230.2	208.5	156.7	134.5
1978	265.2	238.6	241.8	229.0	199.0	157.5	130.1
1977	254.3	239.5	240.4	227.6	188.8	157.8	125.9
1976	247.3	240.8	239.0	227.1	179.0	157.5	120.5
1975	243.7	242.6	238.0	223.5	172.0	155.2	116.0
1974	240.2	244.4	236.4	218.9	168.6	150.3	112.9
1973	236.7	243.6	235.2	208.9	169.6	145.5	110.1
1972	237.6	243.2	233.4	198.7	170.8	141.0	108.0
1971	239.3	242.0	232.6	188.8	170.4	136.1	106.1
1966	239.6	233.0	195.5	179.0	147.1	119.6	93.1
1961	232.8	200.0	183.9	157.8	131.0	107.8	85.9
1956	195.8	185.1	161.1	138.8	119.4	95.4	81.4
1951	172.7	154.9	138.5	126.2	105.5	91.3	77.3
1941	139.1	128.3	119.4	110.0	94.0	75.3	57.7
1931	126.7	118.0	108.1	91.6	70.3	57.8	46.2
1921	113.5	96.3	83.4	72.1	57.2	49.2	35.8

Table 3.7 (cont'd.)

Year	70 - 74	75 - 79	80 - 84	85 - 89	90 +	Total
			'000's			
1983^{p}	109.1	68.5	37.8	15.7	6.6	4,335.7
1982^{p}	104.7	66.4	35.7	15.3	6.4	4,288.9
1981	100.7	64.7	34.1	15.0	6.2	4,246.8
1980	97.0	62.9	33.1	14.5	6.2	4,225.2
1979	93.7	61.2	31.8	14.3	6.2	4,197.2
1978	90.7	58.9	30.8	14.0	6.0	4,172.4
1977	88.3	56.5	30.2	13.7	6.0	4,135.2
1976	86.4	54.4	29.7	13.5	5.9	4,096.9
1975	84.4	52.4	29.2	13.5	5.5	4,055.9
1974	82.3	50.6	29.2	13.3	5.2	4,001.9
1973	79.6	49.8	29.1	13.2	5.0	3,934.3
1972	76.7	49.4	28.7	13.2	4.7	3,889.6
1971	74.4	48.9	28.3	13.0	4.4	3,840.9
1966	70.4	46.6	26.0	10.7	3.3	3,479.1
1961	66.9	44.2	22.9	9.1	2.9	3,134.5
1956	63.4	38.4	19.4	7.9	2.3	2,721.5
1951	54.9	32.8	16.7	6.5	1.9	2,314.2
1941	41.4	25.9	13.6	4.9	1.3	1,921.2
1931	35.4	19.7	9.3	3.4	1.0	1,748.8
1921	24.1	14.5	7.7	3.1	0.9	1,481.9

Sources: Statistics Canada, *Daily, April 21, May 6 and September 19, 1983, (11-001).*
Revised Annual Estimates of Population by Sex and Age for Canada and the Provinces, 1971-1976, (91-518).
Census of Canada.

Table 3.8 Female Population by Five-Year Age Groups, Ontario, Selected Years, 1921 to 1983

Year	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34
				'000's			
1983^{p}	294.8	294.2	322.5	367.5	408.9	389.4	364.9
1982^{p}	291.6	296.7	325.8	382.8	401.8	382.9	362.3
1981	289.3	300.0	329.7	395.5	397.0	376.0	364.4
1980	290.9	307.4	335.4	404.7	392.5	373.9	353.5
1979	292.9	312.7	346.9	405.3	390.5	367.0	340.9
1978	293.8	317.8	363.2	403.0	388.6	362.8	328.8
1977	294.3	320.6	378.8	398.7	383.5	358.9	312.8
1976	295.5	325.9	389.5	395.3	376.1	359.5	290.8
1975	303.8	329.5	398.4	386.4	367.0	348.8	280.6
1974	307.1	338.1	398.3	380.0	354.4	335.4	268.5
1973	307.1	352.4	394.0	370.1	341.7	319.2	255.3
1972	308.1	369.3	389.1	361.4	337.3	304.7	243.9
1971	311.0	382.4	384.0	351.2	339.3	280.7	236.1
1966	363.2	376.6	336.4	294.5	244.4	218.4	220.6
1961	361.0	329.2	289.1	213.8	196.6	209.1	226.0
1956	308.1	276.3	208.1	170.8	182.8	205.4	221.9
1951	251.2	194.7	159.6	155.5	175.4	197.0	177.3
1941	146.4	148.6	160.2	166.9	160.4	155.8	140.9
1931	151.6	164.2	156.7	155.6	143.5	128.8	123.4
1921	148.6	152.2	136.3	126.8	123.6	120.4	111.0

Table 3.8 (cont'd.)

Year	35 – 39	40 – 44	45 – 49	50 – 54	55 – 59	60 – 64	65 – 69
				'000's			
1983^{p}	328.7	262.8	232.3	233.6	234.7	210.3	167.0
1982^{p}	312.0	252.3	231.4	233.8	233.5	196.3	167.2
1981	289.7	244.7	231.5	233.4	233.1	187.7	164.4
1980	280.1	239.9	232.1	233.7	230.2	178.8	161.1
1979	271.6	236.2	233.3	233.7	225.1	173.3	154.9
1978	261.7	233.1	233.4	235.7	214.5	172.3	150.2
1977	250.4	233.3	232.9	236.4	202.2	171.2	145.6
1976	242.7	233.8	233.0	237.9	190.4	168.8	140.4
1975	238.3	235.5	234.6	233.8	181.4	166.0	135.2
1974	234.4	233.7	235.6	227.7	176.2	159.5	132.4
1973	229.7	232.1	236.9	215.9	175.0	154.0	128.6
1972	229.2	232.1	237.0	203.9	174.7	149.0	125.2
1971	229.3	232.1	237.3	192.4	173.1	143.9	121.7
1966	233.0	236.4	195.5	174.4	146.2	124.5	106.1
1961	236.5	197.3	176.8	151.9	127.3	110.7	94.2
1956	195.0	176.0	151.1	130.5	117.1	98.8	86.0
1951	168.1	147.5	129.6	121.3	104.8	91.2	77.7
1941	129.3	122.0	113.2	104.1	87.7	74.4	58.6
1931	121.0	110.6	98.1	86.1	66.8	57.2	46.5
1921	106.0	90.8	77.7	69.1	55.2	47.7	34.0

Table 3.8 (cont'd.)

Year	70 – 74	75 – 79	80 – 84	85 – 89	90 +	Total
			'000's			
1983^{p}	139.6	103.7	68.1	37.6	19.3	4,480.2
1982^{p}	134.5	100.0	65.6	36.1	18.1	4,426.8
1981	130.3	96.3	63.9	34.4	17.1	4,378.3
1980	126.2	93.3	61.8	32.7	16.4	4,344.4
1979	122.9	90.2	59.6	31.2	15.9	4,304.1
1978	118.7	87.4	57.2	30.2	14.7	4,267.2
1977	114.8	84.7	55.4	29.2	14.1	4,217.9
1976	110.9	82.7	53.3	28.0	13.4	4,167.6
1975	108.1	80.0	51.6	27.1	12.3	4,116.4
1974	104.9	77.9	50.1	26.3	11.6	4,052.2
1973	101.8	76.0	49.0	25.1	10.8	3,974.5
1972	99.1	74.3	47.5	24.1	10.2	3,920.3
1971	97.1	72.1	46.1	23.0	9.5	3,862.2
1966	88.6	61.9	37.2	17.2	6.5	3,481.7
1961	79.4	53.5	30.6	13.6	4.9	3,101.6
1956	70.8	44.8	25.0	10.9	4.2	2,683.4
1951	61.0	37.6	21.3	9.3	3.2	2,283.4
1941	44.5	29.3	16.0	6.1	1.9	1,866.5
1931	36.2	20.3	10.5	4.3	1.4	1,682.9
1921	23.8	15.2	8.4	3.5	1.2	1,451.8

Sources: Statistics Canada, *Daily, April 21, May 6 and September 19, 1983, (11-001).*
Revised Annual Estimates of Population by Sex and Age for Canada and the Provinces, 1971 – 1976, (91-518).
Census of Canada.

Table 3.9 Population by Sex and Special Age Groups, Ontario, Selected Years, 1921 to 1983

Year	0 – 5	0 – 17	6 – 14	14 – 19	18 – 20	18 +	21 – 24	Total
					'000's			
Males								
1983^p	368.9	1,176.1	589.9	454.3	254.7	3,159.6	325.4	4,335.7
1982^p	366.5	1,193.4	595.6	470.9	253.3	3,095.6	317.8	4,288.9
1981	365.4	1,213.5	602.3	484.0	250.4	3,033.3	309.9	4,246.8
1980	368.6	1,237.8	615.2	498.0	248.3	2,987.5	307.6	4,225.2
1979	369.2	1,257.1	634.1	503.0	246.8	2,940.1	306.2	4,197.2
1978	372.5	1,282.1	654.5	503.5	243.0	2,890.3	302.9	4,172.4
1977	375.4	1,300.3	670.8	500.9	239.6	2,835.0	297.6	4,135.2
1976	380.6	1,316.5	682.4	496.6	236.2	2,780.3	291.2	4,096.9
1975	388.4	1,330.3	696.4	487.2	232.1	2,725.6	284.0	4,055.9
1974	388.4	1,336.4	708.8	475.5	226.2	2,665.6	277.3	4,001.9
1973	388.1	1,341.8	720.2	462.4	218.2	2,592.6	268.3	3,934.3
1972	392.9	1,351.7	728.7	451.9	209.9	2,537.9	267.0	3,889.6
1971	399.4	1,355.9	731.7	440.1	203.5	2,485.0	268.8	3,840.9
1966	464.3	1,310.3	663.5	369.0	174.7	2,168.8	188.1	3,479.1
1961	450.8	1,169.8	577.7	277.6	120.7	1,964.8	151.5	3,134.5
1956	382.9	933.2	443.0	215.0	103.5	1,788.3	147.6	2,721.5
1951	306.7	728.7	327.1	191.9	99.1	1,585.5	143.1	2,314.2
1941	181.5	570.6	287.5	205.2	105.6	1,350.6	128.5	1,921.2
1931	189.0	584.9	297.5	194.7	95.0	1,163.9	117.5	1,748.8
1921	185.2	518.6	263.0	151.9	69.5	951.3	94.1	1,481.9

Table 3.9 (cont'd.)

Year	0 – 5	0 – 17	6 – 14	14 – 19	18 – 20	18 +	21 – 24	Total
					'000's			
Females								
1983^p	352.2	1,117.8	559.3	432.5	243.7	3,362.5	326.5	4,480.2
1982^p	349.6	1,133.6	564.5	447.9	244.2	3,293.2	320.8	4,426.8
1981	348.2	1,152.1	570.7	462.8	244.5	3,226.2	314.9	4,378.3
1980	350.9	1,175.2	582.8	477.6	243.8	3,169.3	312.0	4,344.4
1979	351.2	1,195.0	601.3	483.7	241.3	3,109.0	311.9	4,304.1
1978	353.7	1,219.3	621.1	483.3	236.7	3,047.9	310.5	4,267.2
1977	355.8	1,236.7	637.9	479.7	233.6	2,981.2	305.6	4,217.9
1976	361.4	1,251.4	649.5	475.6	231.9	2,916.2	298.9	4,167.6
1975	368.6	1,265.1	663.1	468.6	230.1	2,851.2	289.8	4,116.4
1974	368.8	1,272.5	674.7	458.7	224.3	2,779.7	281.1	4,052.2
1973	368.7	1,278.0	684.8	446.8	215.6	2,696.5	271.6	3,974.5
1972	373.5	1,288.3	693.0	437.0	207.4	2,632.0	269.5	3,920.3
1971	381.4	1,293.9	696.0	425.9	200.5	2,568.3	273.5	3,862.2
1966	441.3	1,250.6	634.9	356.2	173.6	2,231.1	190.9	3,481.7
1961	429.3	1,113.2	550.0	265.6	119.2	1,988.3	157.3	3,101.6
1956	368.1	895.9	424.5	208.1	102.2	1,787.5	148.0	2,683.4
1951	292.1	697.4	313.4	186.2	96.7	1,586.0	142.3	2,283.4
1941	175.6	553.9	279.7	198.6	102.6	1,312.6	126.2	1,866.5
1931	183.3	566.2	289.1	185.7	91.1	1,116.6	114.1	1,682.9
1921	179.5	510.6	257.7	150.5	76.0	937.8	94.2	1,451.8

Sources: Statistics Canada, *Postcensal Estimates of the Population by Sex and Age, Canada and Provinces, June 1st, 1982 and 1983.*
Final Intercensal Estimates of the Population by Sex and Age, Canada and Provinces, June 1st, 1977 to 1981.
Revised Annual Estimates of Population by Sex and Age for Canada and the Provinces, 1971-1976, (91-518).
Census of Canada.

Table 3.10 Assessed Population by Age Group, Ontario, 1976 to 1982

Year	0 – 4	5 – 19	20 – 65	66 +	Total
			'000's		
1982	508.8	1,988.5	5,224.9	878.7	8,600.9
1981	415.0	1,988.2	5,171.7	874.5	8,449.4
1980	514.9	2,082.1	5,060.1	822.8	8,480.0
1979	514.2	2,115.9	4,957.7	796.1	8,383.9
1978	525.3	2,163.7	4,868.5	761.9	8,319.4
1977	529.0	2,195.2	4,807.5	742.6	8,274.4
1976	533.2	2,214.3	4,700.4	721.9	8,169.8

Source: Ministry of Municipal Affairs and Housing, Municipal Analysis and Retrieval System (MARS).

Notes: 1. Data are municipal enumerations taken in September for grant purposes in the following year.
2. Data for 1981 reflect a partial enumeration only and have no official status. Full enumerations are now conducted only in years of municipal elections.

Table 3.11 Median Age of Population by Sex, Ontario and Canada, Census Years, 1901 to 1981

	Ontario			Canada		
Year	Male	Female	Total	Male	Female	Total
1981	29.9	31.4	30.6	29.0	30.3	29.6
1976	27.9	29.2	28.6	27.2	28.4	27.8
1971	26.6	27.8	27.2	25.7	26.7	26.2
1966	26.5	27.9	27.2	25.0	26.0	25.5
1961	27.9	28.8	28.4	26.1	26.6	26.3
1956	29.2	29.8	29.5	27.2	27.3	27.2
1951	29.9	30.3	30.1	27.8	27.6	27.7
1941	29.9	29.8	29.9	27.5	26.6	27.0
1931	27.8	27.7	27.8	25.5	24.0	24.7
1921	27.0	26.6	26.8	24.8	23.2	23.9
1911	25.9	25.6	25.8	24.5	22.9	23.8
1901	24.1	24.1	24.1	22.9	22.4	22.7

Sources: Statistics Canada, *Census of Canada*.
Ministry of Treasury and Economics, Statistical Services Branch.

Table 3.12 Age Dependency Ratios, Ontario and Other Regions of Canada, Census Years, 1951 to 1981

	Dependency Ratios					
	Child		Aged		Total	
Year	International	Canada	International	Canada	International	Canada
1981						
Ontario	32.1	53.3	14.8	17.2	46.9	70.4
Atlantic	39.5	66.5	15.4	18.4	54.9	84.8
Quebec	31.2	52.3	12.7	14.8	43.9	67.1
West	34.5	56.1	14.9	17.3	49.4	73.4
Canada	33.2	55.0	14.3	16.6	47.5	71.6
Ontario						
1976	38.0	62.1	13.6	15.9	51.6	78.0
1971	45.5	70.6	13.3	15.6	58.8	86.2
1966	52.6	78.1	13.6	15.8	66.2	93.9
1961	54.0	74.5	13.7	15.5	67.6	89.9
1956	48.6	65.8	13.6	15.2	62.2	81.1
1951	41.9	58.9	13.5	15.2	55.4	74.0

Source: Statistics Canada, *Census of Canada*.

Note: In calculating international dependency ratios, the total population is divided into three broad age groups: children (ages 0 – 14), working age population (15 – 64) and senior citizens (65 and over). In Canada, it is conventional to define children as 0 – 19 years and working age as 20 – 64 years. The child dependency ratio is the ratio of children to working age population. The aged dependency ratio is the ratio of senior citizens to working age population. The total dependency ratio is the ratio of children plus senior citizens to the working age population.

Table 3.13 Population by Sex and Marital Status, Ontario, Census Years, 1921 to 1981

Year	Married	Separated	Widowed	Divorced	Never Married Under 15	Never Married 15 +	Total Never Married	Total
					'000's			
Male								
1981	2,074.4	84.5	72.6	65.0	967.7	982.5	1,950.2	4,246.8
1976	1,950.9	68.6	68.3	41.8	1,063.0	904.3	1,967.3	4,096.9
1971	1,758.2	63.0	68.3	28.2	1,131.1	792.0	1,923.1	3,840.9
1966	1,605.6	..	67.4	9.4	1,127.9	668.9	1,796.7	3,479.1
1961	1,472.8	..	68.8	8.5	1,028.5	555.9	1,584.4	3,134.5
1956	1,304.4	..	67.6	5.5	825.9	518.1	1,344.0	2,721.5
1951	1,124.4	..	64.0	4.8	633.8	487.2	1,121.0	2,314.2
1941	865.3	..	60.2	2.3	469.0	524.3	993.3	1,921.2
1931	732.3	..	52.2	1.1	486.6	476.7	963.3	1,748.8
1921	608.2	..	43.0	1.1	448.2	381.3	829.5	1,481.9
Female								
1981	2,068.4	109.5	363.8	102.9	919.0	814.7	1,733.7	4,378.3
1976	1,940.9	92.1	327.2	68.5	1,010.8	728.0	1,738.8	4,167.6
1971	1,743.5	81.1	289.9	41.9	1,077.4	628.4	1,705.8	3,862.2
1966	1,610.5	..	258.7	16.3	1,076.2	520.0	1,596.2	3,481.7
1961	1,469.7	..	223.0	13.2	979.3	416.4	1,395.7	3,101.6
1956	1,298.6	..	201.1	9.1	792.5	382.1	1,174.6	2,683.4
1951	1,115.2	..	177.1	7.7	605.5	377.9	983.5	2,283.4
1941	844.6	..	142.7	2.9	455.2	421.0	876.2	1,866.5
1931	703.3	..	118.9	1.0	472.4	387.2	859.6	1,682.8
1921	590.3	..	99.4	1.4	437.2	323.5	760.7	1,451.8

Source: Statistics Canada, *Census of Canada*.

Notes: 1. Separated persons are included with Divorced in 1921 and with Married from 1931 to 1966.
2. From 1976 on, persons living common-law considered as married.

Table 3.14 Population by Mother Tongue and Sex, Ontario, 1981

	Male	Female	Total
		number	
Official Languages			
English	3,278,400	3,400,370	6,678,765
French	229,225	246,380	475,605
Total	3,507,625	3,646,750	7,154,375
Amerindian Languages	7,820	8,115	15,930
European Languages			
Bulgarian	775	575	1,350
Byelorussian	190	165	355
Celtic Languages	1,855	2,025	3,885
Czech	5,970	5,260	11,230
Danish	4,285	3,695	7,980
Estonian	4,930	5,340	10,265
Finnish	10,415	12,740	23,155
German	83,880	90,665	174,545
Greek	33,645	31,755	65,400
Hungarian-Magyar	23,700	22,420	46,120
Icelandic	150	215	360
Italian	175,610	163,370	338,980
Latvian	4,830	4,895	9,725
Lithuanian	4,755	4,545	9,300
Macedonian	5,280	5,235	10,515
Netherlandic Languages	43,195	41,950	85,155
Norwegian	975	930	1,900
Polish	36,360	37,400	73,765
Portuguese	57,280	57,000	114,280
Romanian	2,690	2,695	5,380
Russian	4,355	5,145	9,505
Slovak	6,145	6,050	12,195
Spanish	15,950	16,385	32,335
Swedish	1,790	1,975	3,765
Ukrainian	40,010	41,590	81,600
Yiddish	7,095	7,905	15,005
Yugoslavian	32,230	29,980	62,210
Total	608,345	601,905	1,210,260

Table 3.14 (cont'd.)

	Male	Female	Total
		number	
Asian & African Languages			
Arabic	14,740	11,930	26,670
Armenian	3,610	3,500	7,110
Bantu	115	90	205
Cambodian	405	365	770
Chinese	44,515	44,835	89,355
Hebrew	2,360	2,070	4,430
Indo-Pakistani			
Hindi	4,115	3,830	7,945
Punjabi	6,765	6,360	13,125
Tamil	585	500	1,080
Urdu	4,405	3,725	8,140
Indo-Pakistani n.o.s.	9,045	9,180	18,230
Total	24,915	23,595	48,520
Iranian	1,150	825	1,980
Japanese	3,405	3,850	7,260
Kam-Tai	1,285	1,250	2,530
Korean	5,115	5,745	10,860
Malayo-Polynesian Languages	900	865	1,760
Niger-Congo	480	295	775
Philippine	8,990	12,975	21,965
Swahili	185	135	315
Turkish	1,425	1,130	2,550
Vietnamese	5,215	3,980	9,195
Total	118,810	117,435	236,250
All Other Languages	4,200	4,100	8,300
Total	4,246,785	4,378,320	8,625,105

Source: Statistics Canada, *Census of Canada.*

Notes: 1. European Languages does not include English and French.
2. Celtic includes Gaelic, Welsh and Irish.
3. Yugoslavian includes Croatian, Serbian, Slovenian and Yugoslavian n.o.s.
4. Netherlandic includes Dutch, Flemish and Fristan.
5. Indo-Pakistani n.o.s. includes Bengali, Cingalese, Malayalam, Telugu and Indo-Pakistani n.o.s.
6. Philippine includes Philippino and Tagalog.
7. Arabic includes Arabic and Semitic Languages n.o.s.
8. Amerindian includes Cree, Ojibway, Algonkian, Athapaskan, Haida, Iroquoian, Kootenayan, Salishan, Siouan, Tlingit, Tsimshian, Wakashan and Inuktituk.

Table 3.15 Population by Birthplace, Ontario, 1981

	Population	% of Ontario Total
Born in Canada		
Ontario	5,643,705	66.1
Atlantic	287,120	3.4
Quebec	314,215	3.7
West	263,485	3.1
Total	6,508,515	76.3
Born Outside Canada		
North America (excluding Canada)		
United States	109,325	1.3
Other North America	25	--
Total	109,350	1.3
Europe		
Austria	16,535	0.2
Belgium	10,775	0.1
Czechoslovakia	23,005	0.3
Denmark	8,685	0.1
Finland	14,145	0.2
France	9,760	0.1
Germany, East	15,645	0.2
Germany, West	77,920	0.9
Greece	51,690	0.6
Hungary	36,845	0.4
Ireland	9,960	0.1
Italy	255,545	3.0
Malta	9,855	0.1
Netherlands	78,765	0.9
Poland	75,455	0.9
Portugal	95,610	1.1
Romania	11,480	0.1
Spain	4,480	0.1
Switzerland	5,700	0.1
United Kingdom	496,530	5.8
U.S.S.R.	62,890	0.7
Yugoslavia	65,250	0.8
Other Europe	7,485	0.1
Total	1,444,010	16.9
Asia		
China, Republic of	20,320	0.2
Hong Kong	26,235	0.3
India	50,855	0.6
Israel	6,030	0.1
Japan	4,270	0.1
Korea, North	5,390	0.1
Korea, South	6,405	0.1
Lebanon	10,045	0.1

Table 3.15 (cont'd.)

	Population	% of Ontario Total
Asia (cont'd.)		
Pakistan	9,095	0.1
Philippines	32,070	0.4
Taiwan	22,030	0.3
Turkey	4,255	0.1
Vietnam	17,660	0.2
Other Asia	28,250	0.3
Total	242,910	2.8
Caribbean & Guyana		
Barbados	9,430	0.1
Guyana	32,045	0.4
Jamaica	64,200	0.8
Trinidad & Tobago	26,390	0.3
Other Caribbean	11,260	0.1
Total	143,325	1.7
Africa		
Egypt	6,410	0.1
Kenya	4,465	0.1
South Africa, Republic of	9,050	0.1
Tanzania	5,855	0.1
Uganda	4,015	0.1
Other Africa	11,505	0.1
Total	41,300	0.5
South America (excluding Guyana)		
Argentina	3,965	0.1
Chile	4,485	0.1
Ecuador	5,165	0.1
Other South America	11,925	0.1
Total	25,540	0.3
Australasia		
Australia	5,585	0.1
Other Australasia	6,815	0.1
Total	12,400	0.1
Central America		
Mexico	4,600	0.1
Other Central America	2,320	—
Total	6,920	0.1
Total Born Outside Canada	2,025,755	23.7
Total	8,534,265	100.0

Source: Statistics Canada, *Census of Canada*.

Note: Data exclude persons living in institutions.

Table 3.16 Population by Ethnic Origin and Sex, Ontario, 1981

	Male	Female	Total
		number	
British			
English	1,356,225	1,460,990	2,817,215
Irish	268,430	265,650	534,075
Scottish	316,855	313,170	630,030
British n.o.s.	242,780	263,715	506,495
Total	2,184,290	2,303,525	4,487,815
Other European			
French	321,845	331,070	652,915
Albanian	520	370	885
Austrian	7,405	7,740	15,145
Belgian	9,090	8,820	17,910
Bulgarian	1,065	825	1,885
Byelorussian	335	295	630
Czech	5,265	4,570	9,835
Czechoslovakian	5,410	5,140	10,550
Danish	7,825	6,370	14,195
Dutch	97,970	93,155	191,125
Estonian	5,655	6,150	11,805
Finnish	15,585	17,815	33,400
German	186,060	187,345	373,410
Greek	44,285	41,675	85,960
Hungarian-Magyar	30,375	28,760	59,140
Icelandic	945	995	1,940
Italian	252,700	234,615	487,310
Jewish	66,610	64,710	131,315
Latvian	6,000	5,735	11,735
Lithuanian	6,105	5,960	12,070
Luxembourg	70	60	125
Maltese	7,885	6,640	14,525
Norwegian	4,175	4,045	8,215
Polish	61,840	61,105	122,945
Portuguese	65,040	63,965	129,005
Romanian	4,135	4,035	8,170
Russian	4,075	4,640	8,715
Slovak	6,450	6,190	12,640
Spanish	12,580	12,600	25,180
Swedish	6,240	6,575	12,820
Swiss	5,970	5,785	11,750
Ukrainian	66,540	67,455	133,995
Yugoslavian	45,310	42,890	88,205
Other European n.o.s.	2,840	2,565	5,415
Total	1,364,200	1,340,665	2,704,865

Table 3.16 (cont'd.)

	Male	Female	Total
		number	
Asian & African			
Armenian	4,965	4,695	9,665
Black	7,615	7,620	15,230
Burmese	100	100	195
Cambodian	510	375	885
Chinese	59,720	58,920	118,635
Egyptian	1,835	1,485	3,315
Fijian	120	130	250
Indonesian	530	390	920
Indo-Pakistani	48,415	45,575	93,990
Iranian	1,510	1,225	2,740
Israeli	70	95	160
Japanese	8,495	8,195	16,690
Korean	6,775	7,105	13,880
Laotian	1,260	1,205	2,465
Lebanese	6,065	5,475	11,545
Malay	385	405	790
Palestinian	285	235	525
Philippino	15,665	19,580	35,245
Polynesian	95	95	185
Syrian	495	570	1,065
Thai	80	110	195
Turkish	1,425	1,115	2,540
Vietnamese	5,225	3,845	9,075
Other African	4,920	4,750	9,670
Other Asian & African n.c.s.	9,705	8,695	18,390
Total	186,265	181,975	368,245
North & South American			
Native Peoples	40,825	43,035	83,860
Canadian	11,195	10,670	21,860
American	795	910	1,705
Argentinian	390	285	675
Brazilian	335	340	675
Caribbean Black	29,520	35,620	65,140
Chilean	605	470	1,075
Cuban	105	125	230
Ecuadorian	435	380	815
Haitian	140	145	290
Mexican	545	690	1,235
Peruvian	215	200	415
Other North & South American n.o.s.	6,660	6,075	12,730
Total	91,765	98,935	190,695
Total Single Origins	3,826,520	3.925,100	7,751,615
Multiple Origins			
British & French	97,770	103,650	201,415
British & Other	186,050	189,745	375,800
French & Other	21,395	23,750	45,145
British, French & Other	24,350	25,760	50,105
European & Other	41,595	42,400	83,990
Native Peoples & Other	12,975	13,220	26,200
Total Multiple Origins	384,130	398,525	782,655
Total	4,210,645	4,323,620	8,534,265

Source: Statistics Canada, *Census of Canada*.

Notes: 1. Data exclude persons living in institutions.
2. The 1981 Census is the first to accept more than one ethnic origin for an individual.
3. Other African includes South African, Rhodesian and Other African.

Table 3.17 Native Peoples by Legal Classification, Ontario and Other Regions of Canada, 1981

	Inuit	Status Indian	Non-status Indian	Métis	Total Native Peoples	Total Population
			number			
Ontario	1,095	70,190	26,090	12,680	110,060	8,534,263
Atlantic	2,015	11,550	3,345	1,455	18,365	2,214,144
Quebec	4,875	34,400	5,810	7,310	52,395	6,369,068
West	17,405	176,565	39,865	76,815	310,650	6,966,021
Canada	25,390	292,700	75,110	98,260	491,460	24,083,496
Ontario % of Canada	4.3	24.0	34.7	12.9	22.4	35.4

Source: Statistics Canada, *Census of Canada*, unpublished data from Housing, Family and Social Characteristics Division.

Notes: 1. Data exclude persons living in institutions.
2. Data include multiple origins involving Native Peoples and British, French, European, Jewish or other origins.

Table 3.18 Registered Indian Population by Selected Age Groups, Ontario and Other Regions of Canada, Selected Years, 1966 to 1982

Year	0 - 4	5 - 14	15 - 24	25 - 44	45 - 64	65 +	Unstated	Total
				number				
1982								
Ontario	6,706	15,783	16,756	19,773	8,726	4,149	72	71,965
Atlantic	1,100	2,799	2,928	3,549	1,496	555	11	12,438
Quebec	2,866	7,676	7,799	9,238	4,763	2,290	27	34,659
West	26,174	57,409	52,867	49,978	19,014	7,608	66	213,116
Canada	36,846	83,667	80,350	82,538	33,999	14,602	176	332,178
Ontario % of Canada	18.2	18.9	20.9	24.0	25.7	28.4	40.9	21.7
Ontario								
1981	6,520	15,733	16,611	18,808	8,429	4,063	76	70,240
1980	6,406	15,875	16,201	17,977	8,195	3,994	78	68,726
1979	6,322	15,966	15,716	17,226	7,940	3,915	79	67,164
1978	6,392	16,176	15,204	16,556	7,812	3,747	79	65,966
1977	6,352	16,241	14,675	15,940	7,623	3,666	79	64,576
1976	6,394	16,283	14,071	15,313	7,471	3,582	77	63,191
1975	6,358	16,200	13,474	14,714	7,316	3,484	75	61,621
1974	6,608	16,137	12,907	14,192	7,217	3,183	332	60,576
1973	6,702	16,010	12,430	13,702	7,191	3,031	339	59,405
1972	6,740	15,724	11,868	13,095	7,029	2,964	348	57,768
1971	6,800	15,672	11,336	12,611	6,890	2,883	361	56,553
1966	7,625	14,043	9,859	11,306	6,403	2,677	562	52,475

Source: Indian and Northern Affairs Canada, Program Reference Centre, Indian and Inuit Affairs.

Table 3.19 Registered Indian Population by Sex and Age Groups, Ontario, Selected Years, 1966 to 1982

Year	0 - 4	5 - 14	15 - 24	25 - 44	45 - 64	65 +	Unstated	Total
				number				
Male								
1982	3,312	7,986	8,320	9,739	4,381	1,970	13	35,721
1981	3,255	7,940	8,259	9,284	4,266	1,934	13	34,951
1980	3,235	8,015	8,023	8,959	4,154	1,905	13	34,304
1979	3,223	8,041	7,771	8,679	3,986	1,895	14	33,609
1978	3,240	8,169	7,507	8,397	3,927	1,825	14	33,079
1977	3,255	8,166	7,289	8,113	3,873	1,797	14	32,507
1976	3,262	8,194	7,024	7,828	3,816	1,752	14	31,890
1975	3,244	8,167	6,696	7,595	3,733	1,711	14	31,160
1974	3,369	8,147	6,421	7,379	3,691	1,616	88	30,711
1973	3,383	8,095	6,239	7,110	3,688	1,531	89	30,135
1972	3,372	7,951	5,999	6,792	3,623	1,513	90	29,340
1971	3,401	7,954	5,756	6,577	3,560	1,483	93	28,824
1966	3,878	7,150	5,006	5,894	3,429	1,424	181	26,962
Female								
1982	3,394	7,797	8,436	10,034	4,345	2,179	59	36,244
1981	3,265	7,793	8,352	9,524	4,163	2,129	63	35,289
1980	3,171	7,860	8,178	9,018	4,041	2,089	65	34,422
1979	3,099	7,925	7,945	8,547	3,954	2,020	65	33,555
1978	3,152	8,007	7,697	8,159	3,885	1,922	65	32,887
1977	3,097	8,075	7,386	7,827	3,750	1,869	65	32,069
1976	3,132	8,089	7,047	7,485	3,655	1,830	63	31,301
1975	3,114	8,033	6,778	7,119	3,583	1,773	61	30,461
1974	3,239	7,990	6,486	6,813	3,526	1,567	244	29,865
1973	3,319	7,915	6,191	6,592	3,503	1,500	250	29,270
1972	3,368	7,773	5,869	6,303	3,406	1,451	258	28,428
1971	3,399	7,718	5,580	6,034	3,330	1,400	268	27,729
1966	3,747	6,893	4,853	5,412	2,974	1,253	381	25,513

Source: Indian and Northern Affairs Canada, Program Reference Centre, Indian and Inuit Affairs.

Table 3.20 Registered Indian Population by Location of Residence, Ontario, Selected Years, 1966 to 1982

Year	On Reserve	On Crown Land	Off Reserve	Total
		number		
1982	45,810	2,270	23,885	71,965
1981	44,472	2,314	23,454	70,240
1980	44,374	1,942	22,410	68,726
1979	42,992	1,859	22,313	67,164
1978	42,456	1,892	21,618	65,966
1977	40,477	3,321	20,778	64,576
1976	37,648	5,144	20,399	63,191
1975	36,317	5,078	20,226	61,621
1974	35,820	4,777	19,979	60,576
1973	34,172	4,567	20,666	59,405
1972	33,665	4,487	19,616	57,768
1971	32,154	4,624	19,775	56,553
1966	33,121	3,396	15,958	52.475

Source: Indian and Northern Affairs Canada, Program Reference Centre, Indian and Inuit Affairs.

Notes:
1. On Reserve in this table refers to Registered Indian band members living on reserves administered by their own band and on reserves administered by other bands.
2. On Crown Land includes Registered Indian band members living on Crown Land settlements administered by their own band, some other bands and on Crown Land not administered by any band.
3. Due to a new band funding program in 1974, four additional types of residence were created and some historical comparability with previous years was lost.
4. For 1979 only, registered Indian band members living on reserves of other bands and registered Indian band members living on Crown Land in a community administered by other bands have been included with those registered Indian band members living off reserve.
5. Residence unstated is included with Off Reserve (1 person in 1971 and 51 in 1966).

Table 3.21 Population by Religion and Sex, Ontario, 1981

	Male	Female	Total
		number	
Adventist	7,125	9,140	16,265
Anglican	554,500	609,820	1,164,315
Baptist	136,105	152,360	288,465
Brethren in Christ	7,330	8,205	15,540
Buddhist	9,550	9,040	18,595
Christian & Missionary Alliance	3,435	3,780	7,220
Christian Reformed	25,545	25,125	50,670
Church of the Nazarene	1,710	2,045	3,760
Churches of Christ, Disciples	3,070	3,470	6,545
Doukhobor	80	60	135
Eastern Non-Christian, n.e.s.	13,030	11,720	24,745
Eastern Orthodox	12,180	11,305	23,485
Free Methodist	4,225	4,770	8,995
Greek Orthodox	72,105	68,510	140,610
Hindu	21,320	20,335	41,660
Hutterite	55	55	105
Islam	27,440	24,675	52,110
Jehovah's Witnesses	21,560	26,900	48,465
Jewish	74,060	74,190	148,255
Lutheran	124,725	129,455	254,180
Mennonite	22,555	23,925	46,485
Mormon	9,075	11,020	20,095
Pentecostal	55,465	64,075	119,530
Presbyterian	250,430	266,585	517,020
Protestant, n.e.s.	69,905	74,560	144,430
Roman Catholic	1,475,060	1,511,875	2,986,935
Salvation Army	21,365	23,700	45,065
Ukrainian Catholic	24,840	24,470	49,310
Ukrainian Orthodox	1,680	1,545	3,225
Unitarian	2,775	3,345	6,120
United Church	795,235	860,315	1,655,555
Other	4,040	3,735	7,775
No Religious Preference	359,085	259,515	618,600
Total	4,210,645	4,323,615	8,534,265

Source: Statistics Canada, *Census of Canada*.

Notes: 1. Data exclude persons in institutions.
2. Roman Catholic includes Polish National Catholic Church.
3. Eastern Orthodox excludes Greek Orthodox and Ukrainian Orthodox.
4. No Religious Preference includes agnostic, atheist, no religion and other non-religious entries.

Table 3.22 Population by Citizenship and Sex, Ontario and Other Regions of Canada, Census Years, 1961, 1971 and 1981

Year	With Canadian Citizenship			Without Canadian Citizenship			
	Male	Female	Total	Male	Female	Total	Total
				'000's			
1981							
Ontario	3,906.5	3,975.5	7,881.9	304.2	348.1	652.3	8,534.3
Atlantic	1,089.1	1,094.5	2,183.6	14.3	16.2	30.5	2,214.1
Quebec	3,072.4	3,148.9	6,221.3	69.9	78.2	147.8	6,369.1
West	3,326.7	3,269.8	6,596.5	175.6	193.9	369.5	6,966.0
Canada	11,394.7	11,488.8	22,883.4	563.7	636.4	1,200.1	24,083.5
Ontario % of Canada	34.3	34.6	34.4	54.0	54.7	54.4	35.4
Ontario							
1971	3,469.6	3,470.5	6,940.1	374.0	389.0	763.0	7,703.1
1961	2,848.8	2,824.3	5,673.1	285.8	277.2	563.0	6,236.1

Source: Statistics Canada, *Census of Canada*.

Note: Data for 1981 exclude persons living in institutions.

Table 3.23 Persons Granted Canadian Citizenship, Ontario and Canada, Selected Years, 1956 to 1981

Year	Ontario	Canada	Ontario % of Canada
	number		
1981	49,671	94,457	52.6
1980	59,534	118,590	50.2
1979	79,882	156,699	51.0
1978	115,410	223,214	51.7
1977	64,297	123,655	52.0
1976	68,146	117,276	58.1
1975	78,724	137,507	57.3
1974	70,848	130,278	54.4
1973	58,066	104,697	55.5
1972	44,329	80,866	54.8
1971	32,415	63,669	50.9
1966	32,573	60,852	53.5
1961	31,037	56,476	55.0
1956	33,325	55,404	60.1

Sources: Secretary of State, Citizenship Registration Branch, *Canadian Citizenship Statistics, 1979, 1980 and 1981.*
Unpublished data.

Table 3.24 Urban and Rural Population, Ontario and Other Regions of Canada, 1981

	Urban	Rural	Total
		number	
Ontario	7,047,030	1,578,075	8,625,105
Atlantic	1,197,470	1,036,560	2,234,030
Quebec	4,993,840	1,444,560	6,438,400
West	5,197,580	1,848,060	7,045,640
Canada	18,435,925	5,907,255	24,343,180
Ontario % of Canada	38.2	26.7	35.4

Source: Statistics Canada, *Census of Canada*.

Table 3.25 Components of Population Change, Ontario, 1921/22 to 1982/83

Year	Population Beginning of Period	Births	Deaths	Natural Increase	Immi-grants	Emi-grants	Net International Migration
				'000's			
1982/83p	8,715.8	122.9	63.1	59.7	46.8	20.2	26.5
1981/82p	8,625.1	122.2	62.7	59.5	57.9	19.1	38.8
1980/81	8,569.7	123.0	62.6	60.4	55.1	20.9	34.2
1979/80	8,501.3	121.8	62.8	59.0	62.8	24.8	38.0
1978/79	8,439.6	121.7	60.3	61.4	40.2	29.3	10.9
1977/78	8,353.1	122.0	62.0	59.9	52.2	27.8	24.3
1976/77	8,264.5	122.7	60.3	62.4	63.8	24.9	38.9
1975/76	8,172.2	123.6	60.6	63.0	83.8	29.9	53.9
1974/75	8,054.1	126.5	61.2	65.3	115.7	36.3	79.4
1973/74	7,908.8	122.9	60.4	62.5	119.8	38.4	81.4
1972/73	7,809.9	124.0	58.8	65.1	69.3	28.5	40.8
1971/72	7,703.1	127.1	57.5	69.6	62.7	30.2	32.5
1966/67 – 1970/71	6,960.9	651.0	278.0	373.1	474.7	179.5	295.2
1961/62 – 1965/66	6,236.1	752.5	264.7	487.9	287.1	147.9	139.2
1956/57 – 1960/61	5,404.9	771.5	248.4	523.1	400.8	162.8	238.0
1951/52 – 1955/56	4,597.5	654.7	224.3	430.4	416.5	99.0	317.5
1941/42 – 1950/51	3,787.7	932.3	427.3	505.0	272.3	106.4	165.9
1931/32 – 1940/41	3,431.7	647.4	368.9	278.5	62.5	80.5	– 18.0
1921/22 – 1930/31	2,933.7	698.7	355.4	343.3	421.8	345.3	76.5

Table 3.25 (cont'd.)

Year	In-migrants	Out-migrants	Net Inter-provincial Migration	Net External Migration	Population Growth During Period	Population at End of Period
				'000's		
1982/83p	98.5	84.7	13.8	40.4	100.1	8,815.9
1981/82p	80.2	87.7	-7.6	31.2	90.7	8,715.8
1980/81	77.1	116.3	-39.2	-5.0	55.4	8,625.1
1979/80	79.6	108.2	-28.7	9.4	68.4	8,569.7
1978/79	87.1	97.7	-10.6	0.3	61.7	8,501.3
1977/78	97.8	95.6	2.2	26.6	86.5	8,439.6
1976/77	86.2	98.9	-12.7	26.2	88.6	8,353.1
1975/76	81.1	105.7	-24.6	29.3	92.3	8,264.5
1974/75	85.0	111.6	-26.6	52.8	118.1	8,172.2
1973/74	104.7	103.4	1.4	82.8	145.3	8,054.1
1972/73	96.0	103.0	-7.0	33.8	98.9	7,908.8
1971/72	109.2	104.6	4.6	37.1	106.8	7,809.9
1966/67 - 1970/71	574.2	500.2	74.0	369.2	742.2	7,703.1
1961/62 - 1965/66	470.2	372.5	97.8	236.9	724.8	6,960.9
1956/57 - 1960/61	..	..	70.0	308.1	831.2	6,236.1
1951/52 - 1955/56	..	..	59.5	377.0	807.4	5,404.9
1941/42 - 1950/51	..	..	139.0	304.9	809.9	4,597.6
1931/32 - 1940/41	..	..	95.5	77.5	356.0	3,787.7
1921/22 - 1930/31	..	..	78.2	154.7	498.0	3,431.7

Sources: Statistics Canada, *Estimates of Population for Canada and the Provinces, June 1, 1983, (91-201).*
Demography Division, *Components of Population Growth by Sex and Age; Immigration, Emigration, Interprovincial Migration, Births and Deaths, Canada and Provinces, 1982-83.*
International and Interprovincial Migration in Canada by Age and Sex, June 1, 1976/77 to December 31, 1982.
Unpublished data, 1951/52 to 1975/76.
Office of the Registrar General, *Ontario Vital Statistics.*
Ministry of Treasury and Economics, Statistical Services Branch.

Notes: 1. Data are for census years from June 1 to May 31.
2. The summation of Statistics Canada data on components of population change does not correspond to the total change in population calculated from population figures for June 1. This is because Statistics Canada revises population data but does not revise data on components of population change accordingly. In order to provide consistency, adjustments were made to data on interprovincial migration from 1951/52 to 1982/83 and emigration data for 1981/82 and 1982/83.
3. Data on Immigrants prior to 1931 and Emigrants and Net Interprovincial Migration prior to 1951 are estimates.

Table 3.26 Live Births, Ontario and Other Regions of Canada, Selected Years, 1951 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
1982	124,856	33,911	90,800	123,515	373,082	33.5
1981	122,183	34,609	95,322	119,232	371,346	32.9
1980	123,316	35,295	97,421	114,677	370,709	33.3
1979	121,655	35,358	98,646	110,405	366,064	33.2
1978	120,964	35,803	94,860	107,225	358,852	33.7
1977	122,757	36,968	95,690	105,985	361,400	34.0
1976	122,700	37,703	96,342	103,242	359,987	34.1
1975	125,775	38,053	93,597	101,898	359,323	35.0
1974	124,229	37,828	89,364	99,229	350,650	35.4
1973	123,776	38,506	84,057	97,034	343,373	36.0
1972	125,060	40,250	83,603	98,406	347,319	36.0
1971	130,395	41,307	89,210	101,275	362,187	36.0
1966	131,942	44,225	109,878	101,665	387,710	34.0
1961	157,663	54,401	137,174	126,462	475,700	33.1
1956	143,516	52,877	135,884	118,462	450,739	31.8
1951	114,827	47,589	120,930	97,746	381,092	30.1

Source: Statistics Canada, *Vital Statistics, Vol. I, Births and Deaths (84-204).*

Notes: 1. Newfoundland births from 1975 on adjusted for expected undercount.
2. Quebec births in 1975 and 1977 adjusted for estimated overcount due to duplication.
3. Quebec births in 1978 unadjusted for estimated overcount due to duplication.

Table 3.27 Crude Birth Rates, Ontario and Other Regions of Canada, Selected Years, 1951 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada
1982p	14.3	15.1	14.0	17.2	15.1
1981	14.2	15.5	14.8	16.9	15.3
1980	14.4	15.8	15.3	16.7	15.4
1979	14.3	15.9	15.6	16.5	15.4
1978	14.3	16.2	15.1	16.3	15.3
1977	14.7	16.8	15.2	16.5	15.5
1976	14.8	17.3	15.5	16.4	15.7
1975	15.4	17.7	15.1	16.4	15.8
1974	15.4	17.8	14.6	16.4	15.7
1973	15.7	18.3	13.8	16.3	15.6
1972	16.0	19.4	13.8	16.8	15.9
1971	16.9	20.1	14.8	17.5	16.8
1966	19.0	22.4	19.0	19.2	19.4
1961	25.3	28.7	26.1	26.1	26.1
1956	26.6	30.0	29.4	27.7	28.0
1951	25.0	29.4	29.8	26.1	27.2

Source: Ministry of Treasury and Economics, Statistical Services Branch.

Notes: 1. Rates were calculated based on population and live birth data in Tables 3.1 and 3.26.
2. Crude birth rate is the number of births per 1,000 population.
3. For additional information regarding this data, see notes, Table 3.26.

Table 3.28 **Live Births by Age of Mother, Ontario, Selected Years, 1951 to 1982**

Year	Under 15	15 – 19	20 – 24	25 – 29	30 – 34
			number		
1982	78	9,004	35,331	46,942	25,903
1981	71	9,128	35,379	45,822	25,008
1980	73	10,077	36,669	45,975	24,246
1979	98	10,441	36,925	44,925	23,132
1978	93	11,445	37,909	44,045	21,733
1977	81	12,342	39,515	44,343	20,703
1976	107	13,217	39,721	44,809	18,784
1975	111	14,039	41,195	45,836	18,432
1974	109	14,531	40,623	44,373	18,126
1973	108	15,156	41,044	42,854	17,481
1972	97	15,303	42,858	41,245	17,735
1971	88	15,455	46,558	40,948	18,273
1966	77	16,837	41,872	34,994	21,794
1961	79	14,778	47,158	44,239	30,329
1956	45	11,371	41,277	42,271	30,097
1951	37	9,298	32,709	35,852	22,199

Table 3.28 (cont'd.)

Year	35 – 39	40 – 44	45 – 49	50 +	Total
			number		
1982	6,781	785	32	-	124,856
1981	5,917	825	32	1	122,183
1980	5,508	732	36	-	123,316
1979	5,270	823	41	-	121,655
1978	4,909	780	49	1	120,964
1977	4,957	771	45	-	122,757
1976	5,004	995	61	2	122,700
1975	5,068	1,029	64	1	125,775
1974	5,274	1,124	69	-	124,229
1973	5,759	1,306	68	-	123,776
1972	6,259	1,482	80	1	125,060
1971	7,161	1,814	98	-	130,395
1966	12,294	3,827	246	1	131,942
1961	16,500	4,313	263	4	157,663
1956	14,264	3,963	225	3	143,516
1951	11,441	3,073	213	5	114,827

Sources: Statistics Canada, *Vital Statistics, Vol. I, Births and Deaths, 1982, (84-204).*
Office of the Registrar General, *Ontario Vital Statistics.*

Note: Births to mothers of not stated ages have been distributed according to weights of known age groups.

Table 3.29 Age-Specific Fertility Rates, Ontario, Selected Years, 1951 to 1982

Year	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	Total Fertility Rate
1982^{p}	23.5	87.9	122.6	71.5	21.7	3.1	0.1	1.652.0
1981	23.1	89.1	121.9	68.6	20.4	3.4	0.1	1,633.1
1980	24.9	93.4	123.0	68.6	19.7	3.1	0.2	1,663.7
1979	25.8	94.6	122.4	67.9	19.4	3.5	0.2	1,668.3
1978	28.4	97.6	121.4	66.1	18.8	3.3	0.2	1,678.8
1977	31.0	103.0	123.6	66.2	19.8	3.3	0.2	1,735.1
1976	33.4	105.6	124.6	64.6	20.6	4.3	0.3	1,767.1
1975	36.3	112.2	131.4	65.7	21.3	4.4	0.3	1,858.1
1974	38.2	114.6	132.3	67.5	22.5	4.8	0.3	1,901.4
1973	41.0	120.1	134.3	68.5	25.1	5.6	0.3	1,973.9
1972	42.3	127.1	135.4	72.7	27.3	6.4	0.3	2,057.6
1971	44.0	137.2	145.9	77.4	31.2	7.8	0.4	2,219.8
1966	57.2	171.3	160.2	98.8	52.8	16.2	1.3	2,788.7
1961	69.1	239.9	211.6	134.2	69.8	21.9	1.5	3,740.0
1956	66.6	225.8	205.8	135.6	73.1	22.5	1.5	3,654.5
1951	59.8	186.5	182.0	125.2	68.1	20.8	1.6	3,220.0

Source: Ministry of Treasury and Economics, Statistical Services Branch.

Notes: 1. Rates were calculated based on population and live birth data in Tables 3.8 and 3.28.
2. Age-specific fertility rate is the birth rate per 1,000 women in the respective age groups.
3. Total Fertility Rate is the sum of age-specific fertility rates multiplied by five.

Table 3.30 Live Births Born to Unmarried Mothers, Ontario, Selected Years, 1951 to 1982

Year	Live Births
	#
1982	12,723
1981	11,315
1980	10,855
1979	10,176
1978	9,962
1977	9,619
1976	9,289
1975	8,799
1974	8,286
1973	8,285
1972	8,437
1971	8,492
1966	8,476
1961	5,456
1956	4,415
1951	3,807

Sources: Statistics Canada, *Vital Statistics, Vol. I, Births and Deaths, 1982, (84-204).*
Office of the Registrar General, *Ontario Vital Statistics.*

Note: Figure for 1974 is preliminary.

Table 3.31 Deaths, Ontario and Other Regions of Canada, Selected Years, 1921 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
1982	63,696	16,503	43,497	50,717	174,413	36.5
1981	62,838	16,319	42,684	49,188	171,029	36.7
1980	62,746	16,681	43,512	48,534	171,473	36.6
1979	61,468	16,173	43,311	47,231	168,183	36.5
1978	61,116	16,169	43,552	47,342	168,179	36.3
1977	61,425	16,332	43,459	46,282	167,498	36.7
1976	60,645	16,575	43,011	46,778	167,009	36.3
1975	60,604	16,225	43,642	46,933	167,404	36.2
1974	60,556	16,478	42,767	46,993	166,794	36.3
1973	59,876	16,437	42,666	45,060	164,039	36.5
1972	58,905	16,287	42,311	44,910	162,413	36.3
1971	56,623	15,831	40,738	44,080	157,272	36.0
1966	54,171	15,369	38,680	41,643	149,863	36.1
1961	50,997	14,846	37,044	38,098	140,985	36.2
1956	47,231	14,387	35,042	35,301	131,961	35.8
1951	43,981	14,593	34,900	32,349	125,823	35.0
1941	39,226	13,232	34,338	28,217	115,013	34.1
1931	35,705	11,524	34,487	22,973	104,689	34.1
1921	34,551	13,039	33,433	20,132	101,155	34.2

Sources: Statistics Canada, *Vital Statistics, Vol. I, Births and Deaths, (84-204).*
Vital Statistics, Vol. III, Deaths, (84-206).

Note: Data exclude Yukon and Northwest Territories in 1921.

Table 3.32 Crude Death Rates, Ontario and Other Regions of Canada, Selected Years, 1921 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada
1982p	7.3	7.4	6.7	7.1	7.1
1981	7.3	7.3	6.6	7.0	7.0
1980	7.3	7.5	6.8	7.1	7.1
1979	7.2	7.3	6.8	7.1	7.1
1978	7.2	7.3	6.9	7.2	7.2
1977	7.4	7.4	6.9	7.2	7.2
1976	7.3	7.6	6.9	7.4	7.3
1975	7.4	7.5	7.1	7.6	7.4
1974	7.5	7.8	7.0	7.7	7.5
1973	7.6	7.8	7.0	7.6	7.4
1972	7.5	7.8	7.0	7.7	7.4
1971	7.4	7.7	6.8	7.6	7.3
1966	7.8	7.8	6.7	7.9	7.5
1961	8.2	7.8	7.0	7.9	7.7
1956	8.7	8.2	7.6	8.2	8.2
1951	9.6	9.0	8.6	8.7	9.0
1941	10.4	11.7	10.3	8.7	10.0
1931	10.4	11.4	12.0	7.5	10.1
1921	11.8	13.0	14.2	8.1	11.5

Source: Ministry of Treasury and Economics, Statistical Services Branch.

Notes: 1. Crude death rates are deaths per 1,000 population.
2. Rates were calculated based on population and death data in Tables 3.1 and 3.31.
3. See note, Table 3.31.

Table 3.33 Standardized (Age-Adjusted) Death Rates by Sex, Ontario and Canada, Selected Years, 1921 to 1982

	Ontario			Canada		
Year	Male	Female	Total	Male	Female	Total
1982	7.0	4.2	5.4	7.1	4.2	5.5
1981	7.2	4.3	5.5	7.2	4.3	5.6
1980	7.4	4.4	5.7	7.5	4.4	5.8
1979	7.5	4.4	5.8	7.6	4.4	5.9
1978	7.7	4.5	6.1	7.8	4.5	6.2
1977	7.9	4.7	6.3	7.9	4.7	6.3
1976	8.0	4.7	6.4	8.1	4.8	6.4
1975	8.3	4.8	6.4	8.3	4.9	6.5
1974	8.4	5.0	6.7	8.4	5.0	6.8
1973	8.6	5.1	6.8	8.5	5.1	6.8
1972	8.7	5.1	6.7	8.6	5.2	6.8
1971	8.4	5.0	6.6	8.4	5.2	6.7
1966	9.0	5.6	7.2	8.8	5.7	7.2
1961	9.2	6.2	7.6	9.0	6.3	7.6
1956	9.6	6.8	8.1	9.4	7.0	8.2
1951	9.9	7.6	8.7	10.0	8.0	9.0
1941	11.4	9.3	10.4	12.0	10.3	11.2
1931	12.4	11.0	11.7	12.7	11.7	12.2
1921	14.1	13.2	13.6	13.3	12.4	12.9

Sources: Statistics Canada, *Vital Statistics, Vol. I, Births and Deaths (84-204).*
Vital Statistics, Vol. III, Deaths, (84-206).

Notes: 1. Standardized to 1956 age structure of Canadian population for years up to 1978 and to 1971 age structure from 1979 to 1982. Rates are per 1,000 population.
2. Data exclude Yukon and Northwest Territories prior to 1951.
3. Data exclude Quebec in 1921.

Table 3.34 Deaths and Age-Specific Death Rates by Sex, Ontario, 1982

	Deaths		Death Rates	
	Male	Female	Male	Female
	number			
Under 1 year	607	434	9.5	7.1
1 - 4	130	71	0.5	0.3
5 - 9	81	53	0.3	0.2
10 - 14	113	64	0.3	0.2
15 - 19	412	119	1.0	0.3
20 - 24	467	149	1.2	0.4
25 - 29	437	177	1.2	0.5
30 - 34	372	204	1.1	0.6
35 - 39	441	283	1.4	0.9
40 - 44	590	396	2.3	1.6
45 - 49	929	557	3.9	2.4
50 - 54	1,681	932	7.1	4.0
55 - 59	2,620	1,463	12.0	6.3
60 - 64	3,344	1,873	18.8	9.4
65 - 69	4,392	2,616	30.8	15.6
70 - 74	4,982	3,337	47.6	24.8
75 - 79	4,828	3,971	72.7	39.7
80 - 84	3,896	4,550	109.1	69.4
85 +	4,223	7,902	194.6	145.8
Total	34,545	29,151	8.1	6.6

Sources: Statistics Canada, *Vital Statistics, Vol. I, Births and Deaths, (84-204).*
Demography Division, *Postcensal Estimates of the Population by Sex and Age, Canada and Provinces, June 1, 1982.*

Notes: 1. Rates are deaths per 1,000 population.
2. Death rates under 1 year are deaths per 1,000 live births.

Table 3.35 Infant Mortality, Ontario and Other Regions of Canada, Selected Years, 1921 to 1982

Year	Perinatal Deaths			Infant Deaths			Infant Death Rate
	Still-births	Under 7 days	Total	Neonatal Under 28 days	Post-neonatal 28 days to 1 year	Total Under 1 year	
			number				
1982							
Ontario	676	609	1,285	713	328	1,041	8.3
Atlantic	189	181	370	209	121	330	9.7
Quebec	400	450	850	528	256	800	8.8
West	658	633	1,291	769	461	1,230	10.0
Canada	1,923	1,873	3,796	2,219	1,166	3,401	9.1
Ontario % of Canada	35.2	32.5	33.9	32.1	28.1	30.6	. . .
Ontario							
1981	641	629	1,270	697	376	1,073	8.8
1980	698	673	1,371	784	391	1,175	9.5
1979	726	745	1,471	865	382	1,247	10.3
1978	761	793	1,554	924	449	1,373	11.4
1977	850	827	1,677	930	454	1,384	11.3
1976	957	926	1,883	1,040	475	1,515	12.3
1975	906	1,006	1,912	1,148	466	1,614	12.8
1974	1,019	1,020	2,039	1,163	503	1,666	13.4
1973	1,034	1,093	2,127	1,238	502	1,740	14.1
1972	1,159	1,246	2,405	1,392	516	1,908	15.3
1971	1,221	1,255	2,476	1,424	566	1,990	15.3
1966	1,554	1,772	3,326	1,956	713	2,669	20.2
1961	1,870	2,378	4,248	2,627	999	3,626	23.0
1956	1,969	2,230	4,199	2,509	1,101	3,610	25.2
1951	1,975	2,033	4,008	2,429	1,116	3,545	30.9
1941	2,084	1,576	3,660	1,968	1,326	3,294	45.6
1931	2,652	1,916	4,568	2,585	2,248	4,833	69.8
1921	3,454	2,386	5,840	3,376	3,387	6,763	91.2

Sources: Statistics Canada, *Vital Statistics, Vol. I, Births and Deaths, (84-204).*
Vital Statistics, Vol. III, Deaths, (84-206).

Notes:
1. Infant Death Rate is infant deaths per 1,000 live births.
2. Stillbirths is foetal deaths of 28 or more weeks' gestation.
3. In 1982, the summation of neonatal and postneonatal deaths does not add to the total infant deaths in the case of Quebec and Canada because there were 16 infant deaths in Quebec that could not be identified by age. The corresponding rates, however, are not affected.
4. Prior to 1951, neonatal deaths included deaths under one calendar month of age; since 1951 deaths under 28 days are included.

Table 3.36 Male Deaths per 100 Female Deaths, Ontario and Other Regions of Canada, Selected Years, 1921 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada
			number		
1982	119	135	133	136	128
1981	121	138	138	136	131
1980	122	133	138	140	132
1979	125	139	140	142	135
1978	128	142	139	145	137
1977	126	144	142	146	137
1976	130	138	140	146	138
1975	129	140	140	148	138
1974	128	142	138	149	138
1973	129	145	140	150	139
1972	130	143	138	150	139
1971	134	142	139	150	140
1966	135	138	138	157	142
1961	134	131	134	167	142
1956	132	127	130	163	138
1951	126	122	122	159	132
1941	122	116	115	152	125
1931	116	109	110	140	117
1921	110	109	107	133	113

Sources: Statistics Canada, *Vital Statistics, Vol. I, Births and Deaths, (84-204).*
Vital Statistics, Vol. III, Deaths, (84-206).

Notes: 1. Data include Newfoundland for all years.
2. Data exclude Yukon and Northwest Territories in 1921.

Table 3.37 Deaths by Marital Status and Sex, Ontario, Selected Years, 1951 to 1982

Year	Single		Married/Separated		Widowed/Divorced		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
				number				
1982	5,263	3,498	21,948	9,232	7,334	16,421	34,545	29,151
1981	5,317	3,542	22,030	8,968	7,114	15,867	34,461	28,377
1980	5,626	3,705	21,863	8,833	7,030	15,689	34,519	28,227
1979	5,692	3,530	21,513	8,913	6,892	14,928	34,097	27,371
1978	5,778	3,578	21,685	8,792	6,828	14,455	34,291	26,825
1977	5,775	3,709	21,775	8,859	6,733	14,574	34,283	27,142
1976	5,980	3,683	21,337	8,403	6,908	14,334	34,225	26,420
1975	6,049	3,806	21,302	8,571	6,756	14,120	34,107	26,497
1974	6,112	3,902	21,063	8,676	6,810	13,993	33,985	26,571
1973	6,295	3,920	20,637	8,650	6,820	13,554	33,752	26,124
1972	6,318	3,857	20,650	8,563	6,381	13,136	33,349	25,556
1971	5,973	3,864	20,037	7,982	6,364	12,403	32,374	24,249
1966	6,292	4,169	18,665	7,887	6,185	10,973	31,142	23,029
1961	6,463	4,392	16,925	7,312	5,860	10,045	29,248	21,749
1956	6,488	4,535	14,977	6,958	5,403	8,870	26,868	20,363
1951	6,251	4,394	13,224	6,868	5,008	8,236	24,483	19,498

Sources: Statistics Canada, *Vital Statistics, Vol. I, Births and Deaths, (84-204).*
Vital Statistics, Vol. III, Deaths, (84-206).
Office of the Registrar General, *Ontario Vital Statistics.*

Notes: 1. Deaths of persons under 15 years of age are included with Single.
2. Deaths of not stated marital status have been distributed according to weights of known marital status.

Table 3.38 Death Rates by Marital Status and Sex, Ontario, Census Years, 1951 to 1981

	Single		Married/Separated		Widowed/Divorced		Total	
Year	Male	Female	Male	Female	Male	Female	Male	Female
1981	2.7	2.0	10.2	4.1	51.7	34.0	8.1	6.5
1976	3.0	2.1	10.6	4.1	62.7	36.2	8.4	6.3
1971	3.1	2.3	11.0	4.4	65.9	37.4	8.4	6.3
1966	3.5	2.6	11.6	4.9	80.5	39.9	9.0	6.6
1961	4.1	3.1	11.5	5.0	75.8	42.5	9.3	7.0
1956	4.8	3.9	11.5	5.4	73.9	42.2	9.9	7.6
1951	5.6	4.5	11.8	6.2	72.8	44.6	10.6	8.5

Source: Ministry of Treasury and Economics, Statistical Services Branch.

Notes: 1. Rates calculated based on population and death data in Tables 3.13 and 3.37.
2. Rates are deaths per 1,000 population.

Table 3.39 Deaths by Cause and Sex, Ontario, 1982

	Male	Female	Total	% of Canada
		number		
Infections & Parasitic Diseases	175	158	333	36.0
Neoplasms	8,411	7,152	15,563	36.7
Endocrine, Nutritional & Metabolic Diseases	638	780	1,418	34.5
Diseases of Blood & Blood-forming Organs	104	111	215	33.1
Mental Disorders	376	309	685	42.5
Diseases of the Nervous System & Sense Organs	490	441	931	37.9
Diseases of the Circulatory System	16,063	14,688	30,751	38.2
Diseases of the Respiratory System	2,522	1,636	4,158	34.0
Diseases of the Digestive System	1,349	1,132	2,481	35.7
Diseases of the Genito-urinary System	400	371	771	33.1
Complications of Pregnancy, Childbirth, Puerperium	-	4	4	57.1
Diseases of the Skin & Subcutaneous Tissue	20	42	62	39.7
Diseases, Musculo-skeletal System, Connective Tissue	64	153	217	36.7
Congenital Anomalies	264	205	469	31.9
Causes of Perinatal Mortality (Excluding Stillbirths)	299	186	485	32.1
Symptoms, Signs & Ill-defined Conditions	453	392	845	34.3
External Causes, Injury & Poisoning	2,917	1,391	4,308	30.4
Total	34,545	29,151	63,696	36.5

Source: Statistics Canada, *Vital Statistics, Vol. IV, Causes of Death*, (84-203).

Table 3.40 Five Leading Causes of Death by Age Group and Sex, Ontario, 1982

	Male		Female		Total	
	#	rate	#	rate	#	rate
Under 1 Year						
Other Conditions Originating in the Perinatal Period	172	268.2	124	204.2	296	237.1
Congenital Anomalies	158	246.4	129	212.4	287	229.9
Intrauterine Hypoxia, Birth Asphyxia & Respiratory Distress Syndrome	112	174.6	52	85.6	164	131.4
Accidents & Adverse Effects	14	21.8	8	13.2	22	17.6
Diseases of the Heart	2	3.1	6	9.9	8	6.4
1 – 4						
Accidents	48	19.7	18	7.7	66	13.9
Congenital Anomalies	18	7.4	15	6.5	33	6.9
Cancer	15	6.2	14	6.0	29	6.1
Pneumonia	7	2.9	–	...	7	1.5
Violent Deaths	4	1.6	3	1.3	7	1.5
5 – 19						
Accidents	323	30.5	96	9.5	419	20.3
Cancer	65	6.1	36	3.6	101	4.9
Suicide	74	7.0	11	1.1	85	4.1
Congenital Anomalies	24	2.3	7	0.7	31	1.5
Violent Deaths	18	1.7	10	1.0	28	1.4
20 – 44						
Accidents	723	42.9	200	11.7	923	27.2
Cancer	335	19.9	447	26.1	782	23.0
Suicide	387	23.0	132	7.7	519	15.3
Diseases of the Heart	335	19.9	86	5.0	421	12.4
Violent Deaths	89	5.3	44	2.6	133	3.9
45 – 64						
Cancer	2,600	299.4	2,310	257.5	4,910	278.1
Diseases of the Heart	3,342	384.9	992	110.6	4,334	245.5
Cerebrovascular Diseases	307	35.4	253	28.2	560	31.7
Accidents	378	43.5	172	19.2	550	31.2
Chronic Liver Disease & Cirrhosis of Liver	328	37.8	117	13.0	445	25.2
65 & Over						
Diseases of the Heart	8,938	2,408.5	9,124	1,749.6	18,062	2,023.1
Cancer	5,334	1,437.3	4,263	817.4	9,597	1,074.9
Cerebrovascular Diseases	1,864	502.3	2,887	553.6	4,751	532.1
Pneumonia	787	212.1	844	161.8	1,631	182.7
Accidents	428	115.3	523	100.3	951	106.5
All Ages						
Diseases of the Heart	12,634	294.6	10,220	230.9	22,854	262.2
Cancer	8,349	194.7	7,071	159.7	15,420	176.9
Cerebrovascular Diseases	2,226	51.9	3,190	72.1	5,416	62.1
Accidents	1,914	44.6	1,017	23.0	2,931	33.6
Pneumonia	924	21.5	946	21.4	1,870	21.5

Source: Office of the Registrar General, *Ontario Vital Statistics*.

Notes: 1. These are the leading causes of death for both sexes but not necessarily the leading causes for male or female.

2. Rates for deaths under 1 year are per 100,000 live births. All other rates are per 100,000 population.

Table 3.41 Average Life Expectancy by Selected Ages, Ontario and Canada, Census Years, 1931 to 1981

	Ontario		Canada	
	Male	Female	Male	Female
At Birth				
1981^{p}	72.3	79.0	71.9	78.9
1976	70.6	77.7	70.2	77.5
1971	68.6	76.8	69.3	76.4
1966	68.7	75.5	68.8	75.2
1961	68.3	74.4	68.4	74.2
1956	67.8	73.6	67.6	72.9
1951	66.9	71.9	66.3	70.8
1941	64.6	68.4	63.0	66.3
1931	61.3	63.9	60.0	62.1
One Year				
1981^{p}	72.0	78.6	71.7	78.6
1976	70.5	77.5	70.2	77.4
1971	69.8	76.8	69.8	76.6
1966	69.3	75.9	69.5	75.7
1961	69.1	75.0	69.5	75.0
1956	68.8	74.3	69.0	74.0
1951	68.3	72.9	68.3	72.3
1941	66.7	70.1	66.1	68.7
1931	65.1	66.8	64.7	65.7
20 Years				
1981^{p}	53.6	60.0	53.4	60.0
1976	52.2	59.0	52.1	59.0
1971	51.6	58.4	51.7	58.2
1966	51.1	57.5	51.5	57.4
1961	51.0	56.5	51.5	56.7
1956	50.8	56.0	51.2	55.8
1951	50.6	54.8	50.8	54.4
1941	49.6	52.4	49.6	51.8
1931	48.8	50.1	49.1	49.8
40 Years				
1981^{p}	34.7	40.6	34.7	40.7
1976	33.5	39.6	33.6	39.7
1971	32.9	39.1	33.2	39.0
1966	32.4	38.2	33.0	38.2
1961	32.4	37.3	33.0	37.5
1956	32.2	36.7	32.7	36.7
1951	32.0	35.8	32.5	35.6
1941	31.5	34.1	31.9	34.0
1931	31.6	32.9	32.0	33.0
60 Years				
1981^{p}	17.8	22.7	18.0	22.8
1976	17.0	21.9	17.2	22.0
1971	16.6	21.5	17.0	21.4
1966	16.2	20.6	16.8	20.6
1961	16.2	19.7	16.7	19.9
1956	16.1	19.4	16.5	19.3
1951	16.2	18.6	16.5	18.6
1941	15.8	17.6	16.1	17.6
1931	15.9	16.9	16.3	17.2

Sources: Statistics Canada, *Vital Statistics, Vol. III, Deaths, (84-206).*
Vital Statistics and Disease Registries Section, Health Division.

Notes: 1. Data exclude Yukon and Northwest Territories prior to 1956.
2. Data exclude Newfoundland prior to 1951.

Table 3.42 Births, Deaths and Natural Increase, Ontario and Other Regions of Canada, Selected Years, 1921 to 1982

Year	Births	Deaths	Natural Increase
		number	
1982			
Ontario	124,856	63,696	61,160
Atlantic	33,911	16,503	17,408
Quebec	90,800	43,497	47,303
West	123,515	50,717	72,798
Canada	373,082	174,413	198,669
Ontario % of Canada	33.5	36.5	30.8
Ontario			
1981	122,183	62,838	59,345
1980	123,316	62,746	60,570
1979	121,655	61,468	60,187
1978	120,964	61,116	59,848
1977	122,757	61,425	61,332
1976	122,700	60,645	62,055
1975	125,775	60,604	65,171
1974	124,229	60,556	63,673
1973	123,776	59,876	63,900
1972	125,060	58,905	66,155
1971	130,395	56,623	73,772
1966	131,942	54,171	77,771
1961	157,663	50,997	106,666
1956	143,516	47,231	96,285
1951	114,827	43,981	70,846
1941	72,262	39,226	33,036
1931	69,209	35,705	33,504
1921	74,152	34,551	39,601

Sources: Statistics Canada, *Vital Statistics, Vol. I, Births and Deaths, (84-204).*
Vital Statistics, Vol. III, Deaths, (84-206).

Table 3.43 Rate of Natural Increase, Ontario and Other Regions of Canada, Selected Years, 1921 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada
1982	7.0	7.8	7.3	10.1	8.1
1981	6.9	8.2	8.2	9.9	8.2
1980	7.1	8.4	8.4	9.6	8.3
1979	7.1	8.6	8.7	9.4	8.3
1978	7.1	8.9	8.1	9.1	8.1
1977	7.3	9.4	8.3	9.3	8.3
1976	7.5	9.7	8.6	8.9	8.4
1975	8.0	10.1	8.1	8.9	8.5
1974	7.9	10.1	7.6	8.6	8.2
1973	8.1	10.5	6.8	8.7	8.1
1972	8.5	11.5	6.8	9.1	8.5
1971	9.6	12.4	8.0	9.9	9.5
1966	11.2	14.6	12.3	11.3	11.9
1961	17.1	20.8	19.0	18.2	18.4
1956	17.8	21.8	21.8	19.4	19.8
1951	15.4	20.4	21.2	17.5	18.2
1941	8.7	13.3	16.5	11.6	12.2
1931	9.8	12.7	17.1	13.3	13.1
1921	13.5	13.6	23.4	19.4	17.8

Sources: Statistics Canada, *Vital Statistics, Vol. I, Births and Deaths, (84-204).*
Vital Statistics, Vol. III, Deaths, (84-206).
Ministry of Treasury and Economics, Statistical Services Branch.

Notes: 1. Rate of natural increase is natural increase per 1,000 population.
2. Rates calculated based on population in Table 3.1.
3. Data exclude Yukon and Northwest Territories in 1921.

Table 3.44 Immigrants, Ontario and Other Regions of Canada, 1951/52 to 1982/83

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1982/83p	46.8	2.2	19.2	37.0	105.2	44.5
1981/82p	57.9	3.0	23.5	50.5	134.9	42.9
1980/81	55.1	2.8	19.4	52.1	129.5	42.5
1979/80	62.8	4.3	23.3	47.7	138.1	45.5
1978/79	40.2	2.1	14.6	26.0	82.9	48.5
1977/78	52.2	2.8	16.9	33.5	105.4	49.5
1976/77	63.8	4.2	25.7	38.8	132.6	48.1
1975/76	83.8	5.0	26.6	50.2	165.6	50.6
1974/75	115.7	5.9	31.7	59.6	212.9	54.3
1973/74	119.8	6.6	32.5	55.4	214.3	55.9
1972/73	69.3	4.1	18.8	38.2	130.4	53.1
1971/72	62.7	3.7	17.9	33.4	117.8	53.2
1966/67 – 1970/71	474.7	21.6	166.7	227.3	890.3	53.3
1961/62 – 1965/66	287.1	13.4	122.9	115.2	538.6	53.3
1956/57 – 1960/61	400.8	15.2	160.6	183.1	759.7	52.8
1951/52 – 1955/56	416.5	19.3	164.7	182.6	783.2	53.2

Sources: Statistics Canada, Demography Division, *Components of Population Growth by Sex and Age; Immigration, Emigration, Interprovincial Migration, Births and Deaths, Canada and Provinces, 1982-83.*
International and Interprovincial Migration in Canada by Age and Sex, June 1, 1976-77 to December 31, 1982.
International and Interprovincial Migration in Canada, 1978-79, (91-208).
Unpublished data, 1951/52 to 1960/61.

Note: Data are for Census years from June 1 to May 31.

Table 3.45 Immigrants by Country of Last Permanent Residence, Ontario Compared to Canada, 1981

	Ontario	% of Canada
	#	
Argentina	222	47.5
Australia	263	33.7
Belgium	107	16.5
Chile	404	39.3
China, Peoples Republic of	2,008	30.7
Czechoslovakia	501	46.4
Egypt	322	47.1
France	326	15.6
Germany, Federal Republic of	968	44.2
Greece	447	46.7
Guyana	2,256	79.5
Hong Kong	2,679	41.5
India	3,386	41.0
Iran	490	46.4
Ireland, Republic of	347	42.8
Israel	860	48.2
Italy	1,149	56.2
Japan	277	36.0
Kenya	128	37.1
Korea, Republic of	651	45.5
Lebanon	433	38.6
Malaysia	226	31.9
Malta	223	86.8
Mexico	179	40.7
Netherlands	710	39.5
New Zealand	112	21.5
Pakistan	423	57.9
Philippines, Republic of the	2,309	39.4
Poland	1,835	47.7
Portugal	2,187	66.5
Romania	334	44.7
South Africa, Republic of	774	54.2
Spain	98	24.4
Sweden	115	35.4
Switzerland	260	30.1
Taiwan	438	52.5
Tanzania, United Republic of	367	55.3
Turkey	418	49.9
U.S.S.R.	412	47.5
United Kingdom	10,077	47.6
United States	4,209	39.9
Yugoslavia	544	73.2
Vietnam	2,623	31.8
Caribbean	3,716	43.0
Other Countries	4,077	34.7
Total	54,890	42.7

Source: Employment and Immigration Canada, Immigration and Demographic Policy Group, *Immigration Statistics*.

Table 3.46 Immigrants by Intended Occupation and Sex, Ontario, 1981

	Male	Female	Total	% of Canada
		number		
Entrepreneurs	109	24	133	45.4
Managerial, Administrative & Related	1,455	263	1,718	47.7
Natural Sciences, Engineering & Mathematics	2,650	457	3,107	44.8
Social Sciences & Related	94	153	247	44.5
Religion	163	27	190	40.5
Teaching & Related	201	387	588	35.1
Medicine & Health	267	754	1,021	35.2
Artistic, Literary, Performing Arts & Related	323	209	532	47.0
Sport & Recreation	35	10	45	40.5
Clerical & Related	818	2,583	3,401	48.3
Sales	634	333	967	45.0
Service	851	932	1,783	42.0
Farming, Horticultural & Animal-husbandry	918	168	1,086	37.1
Fishing, Hunting & Trapping	78	1	79	58.5
Forestry & Logging	5	–	5	26.3
Mining & Quarrying Including Gas & Oil	18	1	19	28.4
Processing	380	114	494	42.2
Machining & Related	1,233	47	1,280	50.6
Fabricating, Assembling & Repairing	1,825	657	2,482	39.4
Construction	923	11	934	42.6
Transport Equipment Operating	256	6	262	37.9
Material Handling	123	41	164	45.4
Other Crafts & Equipment Operating	118	31	149	47.6
Not Elsewhere Classified	1,691	1,613	3,304	36.1
Total Destined for Labour Force	15,168	8,822	23,990	42.1
Total Not Destined for Labour Force	11,624	19,276	30,900	43.1
Total	26,792	28,098	54,890	42.7

Source: Employment and Immigration Canada, Immigration and Demographic Policy Group, *Immigration Statistics*.

Table 3.47 Immigrants by Immigration Category and Labour Force Status by Sex, Ontario, 1979 to 1981

Year	Male	Female	Total	% of Canada
		number		
1981				
Family	9,966	13,624	23,590	46.2
Refugee	246	137	383	47.3
Designated	2,866	2,274	5,140	36.3
Assisted Relative	4,241	3,912	8,153	46.4
Independent	9,473	8,151	17,624	39.1
Total	26,792	28,098	54,890	42.7
Destined for Labour Force	15,168	8,822	23,990	42.1
Not Destined for Labour Force	11,624	19,276	30,900	43.1
1980				
Family	10,206	13,848	24,055	47.1
Refugee	271	187	458	48.1
Designated	8,344	6,575	14,919	37.9
Assisted Relative	3.615	3,351	6,966	51.5
Independent	8,440	7,419	15,859	41.5
Total	30,876	31,380	62,257	43.5
Destined for Labour Force	17,378	10,280	27,658	43.4
Not Destined for Labour Force	13,499	21,100	34,599	43.6
1979				
Family	9,245	13,245	22,490	50.2
Refugee	424	339	763	36.4
Designated	5,439	4,458	9,897	38.9
Assisted Relative	2,743	2,509	5,252	53.8
Independent	7,166	6,379	13,545	45.1
Total	25,017	26,930	51,947	46.3
Destined for Labour Force	14,056	8,358	22,414	46.5
Not Destined for Labour Force	10,961	18,572	29,533	46.2

Sources: Employment and Immigration Canada, Immigration and Demographic Policy Group, *Immigration Statistics*. Special Tabulation.

Note: Sex not stated in one instance in family category in 1980.

Table 3.48 Emigrants, Ontario and Other Regions of Canada, 1951/52 to 1982/83

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1982/83^p	21.5	1.3	6.5	15.1	44.4	48.4
1981/82^p	19.9	1.4	5.9	14.6	41.7	47.7
1980/81	20.9	2.7	6.2	13.9	43.6	47.9
1979/80	24.8	3.4	8.0	14.8	51.1	48.5
1978/79	29.3	4.7	10.3	19.2	63.6	46.1
1977/78	27.8	5.1	10.6	19.7	63.3	43.9
1976/77	24.8	4.6	8.3	19.3	57.1	43.4
1975/76	29.9	2.2	15.0	18.3	65.4	45.7
1974/75	36.3	2.7	18.2	22.1	79.4	45.7
1973/74	38.4	2.8	19.3	23.4	84.0	45.7
1972/73	28.5	2.1	14.3	17.4	62.3	45.7
1971/72	30.2	2.2	15.2	18.5	66.1	45.7
1966/67 – 1970/71	180.4	53.8	144.1	94.1	472.4	38.2
1961/62 – 1965/66	147.9	44.6	124.9	114.8	432.1	34.2
1956/57 – 1960/61	162.8	27.0	82.7	75.2	347.9	46.8
1951/52 – 1955/56	99.0	32.1	86.3	78.7	296.1	33.4

Sources: Statistics Canada, Demography Division, *Components of Population Growth by Sex and Age; Immigration, Emigration, Interprovincial Migration, Births and Deaths, Canada and Provinces, 1982-83.*
International and Interprovincial Migration in Canada by Age and Sex, June 1, 1976-77 to December 31, 1982.
International and Interprovincial Migration in Canada, 1978-79, (91-208).
Unpublished data, 1951/52 to 1960/61.

Notes: 1. Data are for Census years from June 1 to May 31.
2. See Table 3.25, note 2.

Table 3.49 Interprovincial Migration Between Ontario and Other Regions of Canada, 1961/62 to 1982/83

	In-migrants to Ontario by Region of Origin			
Year	Atlantic	Quebec	West	Total
			'000's	
1982/83^p	17.0	30.0	51.5	98.5
1981/82^p	16.8	26.3	37.1	80.2
1980/81	17.1	27.0	33.0	77.1
1979/80	17.2	32.4	29.9	79.6
1978/79	16.9	37.0	33.2	87.1
1977/78	17.8	46.5	33.6	97.8
1976/77	19.4	35.0	31.8	86.2
1975/76	19.9	27.0	34.3	81.1
1974/75	21.2	27.9	35.8	85.0
1973/74	28.2	36.2	40.3	104.7
1972/73	22.6	36.5	36.9	96.0
1971/72	27.2	40.8	41.2	109.2
1966/67 – 1970/71	162.5	213.6	198.2	574.2
1961/62 – 1965/66	143.5	157.3	167.4	468.2

Table 3.49 (cont'd.)

Year	Out-migrants from Ontario by Region of Destination			
	Atlantic	Quebec	West	Total
		'000's		
1982/83p	17.5	14.6	51.4	83.4
1981/82p	14.4	11.9	60.2	86.6
1980/81	16.4	14.0	79.9	110.3
1979/80	16.3	13.8	71.8	101.9
1978/79	17.3	15.5	58.6	91.5
1977/78	17.3	14.7	57.3	89.3
1976/77	19.6	18.4	54.6	92.6
1975/76	29.9	21.5	50.9	102.3
1974/75	32.5	25.1	56.9	114.5
1973/74	28.8	26.5	52.4	107.6
1972/73	27.4	23.4	44.2	95.0
1971/72	27.6	25.0	42.6	95.1
1966/67 - 1970/71	114.9	117.1	191.6	423.5
1961/62 - 1965/66	87.3	134.8	160.7	382.8

Table 3.49 (cont'd.)

Year	Net Interprovincial Migration Between Ontario & Other Regions of Canada			
	Atlantic	Quebec	West	Total
		'000's		
1982/83p	-0.5	15.4	0.1	15.1
1981/82p	2.4	14.4	-23.1	-6.4
1980/81	0.7	13.0	-46.9	-33.2
1979/80	0.9	18.6	-41.9	-22.4
1978/79	-0.4	21.5	-25.4	-4.3
1977/78	0.5	31.8	-23.7	8.5
1976/77	-0.2	16.6	-22.8	-6.4
1975/76	-10.0	5.5	-16.6	-21.2
1974/75	-11.3	2.8	-21.1	-29.5
1973/74	-0.6	9.7	-12.1	-2.9
1972/73	-4.8	13.1	-7.3	1.0
1971/72	-0.4	15.8	-1.4	14.1
1966/67 - 1970/71	47.6	96.5	6.6	150.7
1961/62 - 1965/66	56.2	22.5	6.7	85.4

Sources: Statistics Canada, *Components of Population Growth by Sex and Age; Immigration, Emigration, Interprovincial Migration, Births and Deaths, Canada and Provinces, 1982-83.*
International and Interprovincial Migration in Canada by Age and Sex, June 1, 1976-77 to December 31, 1982.
International and Interprovincial Migration in Canada, 1961-62 to 1975-76, (91-208).

Notes: 1. Data are for Census years from June 1 to May 31.
2. See Table 3.25, note 2.

Table 3.50 International and Interprovincial Migration To and From Ontario by Sex and Five-Year Age Groups, 1982/83

	International			Interprovincial			Total Net Migration
	Immigrants	Emigrants	Net	In-migrants	Out-migrants	Net	
				number			
Males							
0 - 4	1,535	904	631	3,833	3,286	547	1,178
5 - 9	1,512	1,079	433	3,762	3,024	738	1,171
10 - 14	1,730	999	731	3,010	2,348	662	1,393
15 - 19	2,164	917	1,247	5,372	5,175	197	1,444
20 - 24	3,033	902	2,131	10,286	9,071	1,215	3,346
25 - 29	3,311	1,469	1,842	7,745	7,085	660	2,502
30 - 34	2,326	1,658	668	6,016	5,017	999	1,667
35 - 39	1,344	1,032	312	3,751	3,047	704	1,016
40 - 44	850	767	83	2,468	1,847	621	704
45 - 49	627	375	252	1,457	1,143	314	566
50 - 54	674	273	401	1,008	864	144	545
55 - 59	807	222	585	785	682	103	688
60 - 64	957	172	785	635	538	97	882
65 +	1,218	244	974	1,257	697	560	1,534
Total	22,088	11,013	11,075	51,385	43,824	7,561	18,636
Females							
0 - 4	1,427	844	583	3,663	3,090	573	1,156
5 - 9	1,466	1,032	434	3,656	2,925	731	1,165
10 - 14	1,639	963	676	2,826	2,254	572	1,248
15 - 19	2,508	883	1,625	4,965	4,585	380	2,005
20 - 24	3,805	1,128	2,677	9,055	7,700	1,355	4,032
25 - 29	3,375	1,628	1,747	7,104	6,444	660	2,407
30 - 34	2,178	1,299	879	5,153	4,455	698	1,577
35 - 39	1,306	870	436	3,067	2,538	529	965
40 - 44	848	577	271	1,850	1,435	415	686
45 - 49	853	299	554	1,186	964	222	776
50 - 54	1,130	269	861	991	830	161	1,022
55 - 59	1,311	226	1,085	898	751	147	1,232
60 - 64	1,143	166	977	779	588	191	1,168
65 +	1,696	338	1,358	1,963	1,046	917	2,275
Total	24,685	10,522	14,163	47,156	39,605	7,551	21,714

Source: Statistics Canada, Demography Division, *Components of Population Growth by Sex and Age; Immigration, Emigration, Interprovincial Migration, Births and Deaths, Canada and Provinces, 1982-83.*

Notes: 1. See Table 3.25, notes 1 and 2.
2. Age at the beginning of the period.
3. Data are preliminary.

Table 3.51 Mobility Status of Population 5 Years and Over, Ontario and Other Regions of Canada, 1976 to 1981

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Population 5 Years & Over	7,933.0	2,038.0	5,892.2	6,416.8	22,280.1	35.6
Non-movers	4,214.6	1,280.3	3,254.4	2,923.6	11,672.8	36.1
Movers	3,718.4	757.7	2,637.9	3,493.3	10,607.3	35.1
Non-migrants	1,993.1	417.3	1,492.8	1,635.6	5,538.8	36.0
Migrants	1,725.2	340.5	1,145.1	1,857.7	5,068.5	34.0
Within Same Province	1,229.4	196.6	999.1	946.7	3,371.7	36.5
From Different Province	250.6	124.3	61.3	704.3	1,140.5	22.0
From Outside Canada	245.3	19.6	84.7	206.6	556.2	44.1
Out-migrants to Different Province	328.6	161.3	203.0	447.7	1,140.5	28.8
Net Internal Migration, 1976 – 1981	– 78.1	– 36.7	– 141.7	256.4	. . .	

Source: Statistics Canada, *Census of Canada*.

Notes:
1. Mobility status is the relationship between a person's usual place of residence on Census Day 1981 and his/her usual place of residence five years earlier (June 1, 1976).
2. Movers are persons who, on Census Day, were living in a different dwelling than the one occupied five years earlier.
3. Non-migrants are movers who, on Census Day, were living within the same census subdivision they resided in five years earlier.
4. Migrants are movers who, on Census Day, were residing in a different census sub-division within Canada five years earlier (internal migrants) or who were living outside Canada five years earlier (external migrants). With respect to external migration, immigrants – persons who were residing outside Canada five years earlier but in Canada on Census Day – are counted. Emigrants – persons residing in Canada five years ago but not on Census Day – are not counted.
5. When interpreting the row entitled Out-migrants to Different Province, consider the geography (Canada and regions) as 1976 place of residence. In all other cases, the geography refers to 1981 place of residence.
6. Net Internal Migration, 1976 – 1981 is (From Different Province) minus (Out-migrants to Different Province).
7. Canadian residents stationed outside Canada in the Armed Services or the diplomatic service as well as persons in institutions are excluded.

Table 3.52 Mobility Status of Population 5 Years and Over by Age Groups, Ontario, 1976 to 1981

	5 – 14	15 – 19	20 – 24	25 – 29	30 – 34
			'000's		
Population 5 Years & Over	1,289.8	804.3	785.9	730.3	718.4
Non-movers	654.7	501.5	287.6	141.2	232.6
Movers	635.0	302.7	498.3	589.2	485.8
Non-migrants	342.5	160.7	254.6	306.0	256.9
Migrants	292.5	142.1	243.7	283.1	228.9
Within Same Province	210.0	96.4	177.3	207.5	163.3
From Different Province	42.0	22.5	33.4	39.3	33.6
From Outside Canada	40.5	23.2	33.0	36.3	31.9
Out-migrants to Different Province	52.5	27.3	60.1	63.3	45.0
Net Internal Migration, 1976 – 1981	– 10.5	– 4.8	– 26.7	– 23.9	– 11.4

Table 3.52 (cont'd.)

	35 – 44	45 – 54	55 – 64	65 & Over	Total
			'000's		
Population 5 Years & Over	1,068.1	932.4	799.6	804.3	7,933.0
Non-movers	566.6	645.8	587.8	596.8	4,214.6
Movers	501.5	286.6	211.8	207.4	3,718.4
Non-migrants	271.4	163.4	118.1	119.6	1,993.1
Migrants	230.2	123.2	93.7	87.8	1,725.2
Within Same Province	159.7	86.9	66.2	62.0	1,229.4
From Different Province	36.9	19.0	11.8	12.1	250.6
From Outside Canada	33.6	17.4	15.7	13.8	245.3
Out-migrants to Different Province	42.9	18.6	11.0	7.9	328.6
Net Internal Migration, 1976 – 1981	– 6.0	0.3	0.8	4.2	– 78.1

Source: Statistics Canada, *Census of Canada*.

Note: See notes, Table 3.51.

Table 3.53 Mobility Status of Population 5 Years and Over by Marital Status, Ontario, 1976 to 1981

	Single (Never married)	Married	Widowed	Divorced	Total
			'000's		
Population 5 Years & Over	3,056.6	4,315.6	395.9	165.0	7,933.0
Non-movers	1,656.2	2,229.0	268.1	61.3	4,214.6
Movers	1,400.3	2,086.6	127.8	103.7	3,718.4
Non-migrants	743.0	1,106.2	77.7	66.2	1,993.1
Migrants	657.3	980.3	50.1	37.4	1.725.2
Within Same Province	457.3	711.8	33.0	27.3	1,229.4
From Different Province	103.6	134.2	6.6	6.2	250.6
From Outside Canada	96.4	134.4	10.5	3.9	245.3
Out-migrants to Different Province	139.5	175.5	4.9	8.7	328.6
Net Internal Migration, 1976 - 1981	- 36.0	- 41.3	1.7	- 2.5	- 78.1

Source: Statistics Canada, *Census of Canada*.

Notes: 1. Married includes separated.
2. See notes, Table 3.51.

Table 3.54 Mobility Status of Population 5 Years and Over by Mother Tongue, Ontario, 1976 to 1981

	English	French	Other	Total
			'000's	
Population 5 Years & Over	6,081.9	441.0	1,410.2	7,933.0
Non-movers	3,196.6	226.3	791.7	4,214.6
Movers	2,885.3	214.7	618.4	3,718.4
Non-migrants	1,549.8	115.6	327.8	1,993.1
Migrants	1,335.5	99.1	290.6	1.725.2
Within Same Province	1,018.3	63.0	148.1	1,229.4
From Different Province	195.3	31.9	23.3	250.6
From Outside Canada	121.9	4.2	119.2	245.3
Out-migrants to Different Province	266.7	33.9	28.0	328.6
Net Internal Migration, 1976 - 1981	- 71.3	- 2.0	- 4.7	- 78.1

Source: Statistics Canada, *Census of Canada*.

Note: See notes, Table 3.51.

Table 3.55 Mobility Status of Population 15 Years and Over by Highest Level of Schooling, Ontario, 1976 to 1981

	Less than Grade 9	Grades 9 - 10	Grades 11 - 13	Certificate or Diploma		
				Secondary School	Trades	Total
			'000's			
Population 15 Years & Over	1,160.2	1,051.7	930.5	861.8	224.5	1,086.3
Non-movers	772.4	592.2	526.7	440.3	131.0	571.3
Movers	367.8	459.5	403.8	421.5	93.4	514.9
Non-migrants	238.1	272.4	229.9	233.3	52.1	285.4
Migrants	149.7	187.1	173.9	188.2	41.3	229.5
Within Same Province	101.3	142.0	127.1	137.8	30.7	168.5
From Different Province	14.7	23.5	23.0	26.1	5.4	31.5
From Outside Canada	33.6	21.7	23.8	24.3	5.3	29.6
Out-migrants to Different Province	19.0	35.9	34.1	34.5	8.1	42.6
Net Internal Migration, 1976 - 1981	- 4.3	- 12.4	- 11.2	- 8.3	- 2.7	- 11.0

Table 3.55 (cont'd.)

	Other Non-university Only			University				
	Without Certificate or Diploma	With Certificate or Diploma	Total	Without Certificate, Diploma or Degree	With Certificate or Diploma	With Degree	Total	Total
					'000's			
Population 15 Years & Over	383.4	909.8	1,293.2	273.1	251.9	596.4	1,121.4	6,643.2
Non-movers	189.0	427.7	616.7	133.2	113.5	233.9	480.6	3,559.9
Movers	194.4	482.2	676.6	139.8	138.4	362.5	640.7	3,083.4
Non-migrants	102.4	237.8	340.2	66.5	63.2	155.0	284.6	1,650.7
Migrants	92.0	244.4	336.4	73.4	75.2	207.5	356.1	1,432.7
Within Same Province	66.7	180.4	247.1	49.3	48.5	135.5	233.4	1,019.4
From Different Province	13.5	33.0	46.5	13.8	15.0	40.5	69.3	208.6
From Outside Canada	11.7	30.9	42.6	10.3	11.7	31.5	53.4	204.8
Out-migrants to Different Province	18.6	48.7	67.3	16.3	15.8	45.1	77.3	276.1
Net Internal Migration, 1976 - 1981	- 5.0	- 15.6	- 20.6	- 2.5	- 0.8	- 4.6	- 8.0	- 67.6

Source: Statistics Canada, *Census of Canada*

Notes: 1. Other Non-university Only refers to courses completed at post-secondary, non-university institutions which normally require a secondary school graduation certificate or equivalent for entrance, as well as to other courses in related or like institutions (such as private trade schools or adult vocational centres) which may not require secondary school graduation for entrance.

2. With Certificate or Diploma under University, includes trades certificate, non-university certificate and university certificate or diploma below bachelor level.

3. See notes, Table 3.51.

Table 3.56 Sex, Age, Marital Status and Educational Attainment of Migrants, Ontario and Other Regions of Canada, 1982

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Males						
Age						
15 - 19	30	...	...	...	88	34.1
20 - 24	57	...	25	92	195	29.2
25 - 44	111	...	53	230	433	25.6
45 & Over	50	...	16	...	138	36.2
Marital Status						
Married	147	...	57	252	503	29.2
Single	91	...	42	151	316	28.8
Other	...	...	...	...	36	...
Total	247	81	102	425	855	28.9
Females						
Age						
15 - 19	29	...	...	...	87	33.3
20 - 24	51	...	25	95	190	26.8
25 - 44	120	...	44	200	407	29.5
45 & Over	60	...	22	...	155	38.7
Marital Status						
Married	153	50	50	250	503	30.4
Single	74	...	39	104	238	31.1
Other	33	...	...	...	99	33.3
Total	261	80	100	399	840	31.1
Both Sexes						
Age						
15 - 19	59	...	17	81	175	33.7
20 - 24	108	...	50	188	385	28.1
25 - 44	231	84	96	431	841	27.5
45 & Over	110	...	38	124	293	37.5
Marital Status						
Married	301	96	108	502	1,006	29.9
Single	165	54	81	255	554	29.8
Other	42	...	14	66	134	31.3
Current Educational Attainment						
0 - 8 Years Schooling	57	...	21	68	164	34.8
High School	242	75	87	406	808	30.0
Some Post-secondary	63	...	20	106	209	30.1
Post-secondary Certificate or Diploma	57	...	35	114	226	25.2
University Degree	90	...	40	132	287	31.4
Total	508	160	202	823	1,694	30.0

Source: Statistics Canada, *On the Move: Results of a Special Survey on Migration, The Labour Force, May 1983, (71-001).*

Notes:
1. Migrants are those persons 15 years of age and over who had moved interprovincially or internationally, on or since June 1, 1976, and who were residents of Canada during the week ending August 21, 1982.
2. Region refers to region of residence as of August, 1982.
3. Age, Marital Status and Current Educational Attainment refer to the status of respondents as of reference week ending August 21, 1982.
4. High School includes persons who have either completed their secondary education or had some secondary education, but who have not had any post-secondary education.
5. Data exclude Yukon and Northwest Territories.

Table 3.57 Sex, Age, Marital Status and Educational Attainment of Non-Migrants, Ontario and Other Regions of Canada, 1982

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Males						
Age						
15 - 19	361	104	280	262	1,006	35.9
20 - 24	361	91	291	244	987	36.6
25 - 44	1,158	282	931	805	3,177	36.4
45 & Over	1,149	273	804	869	3,095	37.1
Marital Status						
Married	1,988	482	1,505	1,436	5,410	36.7
Single	861	230	700	620	2,411	35.7
Other	181	..	102	123	443	40.9
Total	3,030	749	2,307	2,180	8,265	36.7
Females						
Age						
15 - 19	346	101	270	250	967	35.8
20 - 24	356	91	284	237	969	36.7
25 - 44	1,174	279	944	821	3,216	36.5
45 & Over	1,308	303	939	951	3,502	37.4
Marital Status						
Married	1,957	474	1,478	1,412	5,323	36.8
Single	723	190	598	478	1,987	36.4
Other	504	111	361	368	1,344	37.5
Total	3,184	775	2,437	2,258	8,654	36.8
Both Sexes						
Age						
15 - 19	707	206	550	510	1,973	35.8
20 - 24	718	182	576	481	1,956	36.7
25 - 44	2,332	559	1,875	1,627	6,393	36.5
45 & Over	2,457	577	1,743	1,822	6,597	37.2
Marital Status						
Married	3,945	957	2,983	2,848	10,733	36.8
Single	1,584	418	1,298	1,098	4,398	36.0
Other	685	149	462	491	1,788	38.3
Current Educational Attainment						
0 - 8 Years Schooling	1,233	437	1,414	749	3,835	32.2
High School	3,289	753	2,264	2,469	8,775	37.5
Some Post-secondary	499	98	285	411	1,294	38.6
Post-secondary Certificate or Diploma	628	149	464	441	1,681	37.4
University Degree	563	86	316	367	1,333	42.2
Total	6,214	1,525	4,743	4,439	16,918	36.7

Source: Statistics Canada, *On the Move: Results of a Special Survey on Migration*, *The Labour Force*, *May 1983, (71-001).*

Notes: 1. Non-migrants are those persons 15 years of age and over who were residents of a particular province during the week ending August 21, 1982 and who had lived in that province since June 1, 1976.

2. See Table 3.56, notes 2 to 5.

Table 3.58 Labour Force Status of Migrants, Ontario and Other Regions of Canada, 1982

	Total Migrants	Labour Force Status After Move: Employed	Un-employed	Not in Labour Force	Un-determined
			'000's		
Labour Force Status Prior to Move					
Ontario					
Employed	237	140	48	37	...
Unemployed	35	18	...	...	...
Not in Labour Force	199	31	23	143	...
Undetermined	36	...	...	...	20
Total	508	195	85	192	35
Atlantic					
Employed	83	37	28	15	...
Unemployed	11	5	5	...	...
Not in Labour Force	54	8	7	38	...
Undetermined	13	...	...	...	9
Total	161	51	41	55	14
Quebec					
Employed	98	53	26	18	...
Unemployed	..	...	...	...	...
Not in Labour Force	83	25	...	43	...
Undetermined	..	...	...	...	...
Total	202	82	45	64	..
West					
Employed	422	254	87	66	...
Unemployed	64	...	...	...	...
Not in Labour Force	283	63	32	183	...
Undetermined	55	...	...	...	32
Total	824	366	144	261	52
Canada					
Employed	840	483	189	136	33
Unemployed	121	64	44	...	...
Not in Labour Force	618	126	74	408	...
Undetermined	114	20	...	17	68
Total	1,694	694	315	573	112
Ontario % of Canada					
Employed	28.2	29.0	25.4	27.2	...
Unemployed	28.9	28.1	...	...	...
Not in Labour Force	32.2	24.6	31.1	35.0	...
Undetermined	31.6	...	...	...	29.4
Total	30.0	28.1	27.0	33.5	31.3

Source: Statistics Canada, *On the Move: Results of a Special Survey on Migration, The Labour Force*, May 1983, (71-001).

Notes: 1. Labour Force Status Prior to Move refers to labour force status of respondents for the one-month period price to the most recent move.
2. Labour Force Status After Move refers to labour force status of respondents for the one-month period after the most recent move.
3. Data exclude Yukon and Northwest Territories.
4. See Table 3.56, notes 1 and 2.

Table 3.59 Moves of Migrants by Age and Sex, Ontario and Other Regions of Canada, 1982

	One Move	Two Moves	Three Moves or More	Total
		'000's		
Ontario				
Both Sexes				
Age				
15 – 19	39	...	...	59
20 – 24	65	33	...	108
25 – 44	149	59	22	231
45 & Over	90	...	...	110
Male	158	66	23	247
Female	185	54	21	261
Total	343	120	45	508
Atlantic				
Both Sexes				
Age				
15 – 19	9	7	...	18
20 – 24	12	18	8	39
25 – 44	45	28	10	83
45 & Over	15	5	..	22
Male	37	31	13	81
Female	44	27	9	80
Total	81	58	22	161
Quebec				
Both Sexes				
Age				
15 – 19	...	...	...	17
20 – 24	20	18	...	50
25 – 44	55	31	...	96
45 & Over	19	...	...	38
Male	47	33	22	102
Female	53	34	...	100
Total	100	67	35	202
West				
Both Sexes				
Age				
15 – 19	...	...	...	81
20 – 24	122	41	...	188
25 – 44	319	85	...	431
45 & Over	101	...	...	124
Male	303	89	...	425
Female	300	69	...	399
Total	603	158	63	823
Canada				
Both Sexes				
Age				
15 – 19	115	48	12	175
20 – 24	219	111	54	384
25 – 44	569	202	69	840
45 & Over	224	40	29	293
Male	545	218	92	855
Female	583	184	73	840
Total	1,128	402	165	1,695

Source: Statistics Canada, *On the Move: Results of a Special Survey on Migration, The Labour Force, May 1983, (71-001).*

Notes: 1. Data exclude Yukon and Northwest Territories.

2. Number of moves defines the number of times respondents moved interprovincially or internationally during the period June 1, 1976 to August 21, 1982.

3. See Table 3.56, notes 1 to 3.

Table 3.60 Marriages and Divorces, Ontario and Other Regions of Canada, Selected Years, 1921 to 1982

Year	Marriages	Marriage Rate Per 1,000 Population	Divorces	Divorce Rate Per 100,000 Population
	#		#	
1982				
Ontario	71,595	8.2	23,644	271.3
Atlantic	16,028	7.1	4,775	212.9
Quebec	38,354	5.9	18,579	286.6
West	62,383	8.7	23,438	325.9
Canada	188,360	7.6	70,436	285.9
Ontario % of Canada	38.0	...	33.6	...
Ontario				
1981	70,281	8.1	21,680	251.4
1980	68,840	8.0	22,442	261.9
1979	67,980	8.0	21,793	256.3
1978	67,491	8.0	20,534	243.3
1977	67,730	8.1	19,735	236.3
1976	69,364	8.4	18,589	224.9
1975	72,209	8.8	17,485	214.0
1974	72,716	9.0	15,277	189.7
1973	72,371	9.2	13,781	174.2
1972	72,278	9.3	13,190	168.9
1971	69,590	9.0	12,211	158.5
1966	54,571	7.8	4,101	58.9
1961	44,434	7.1	2,739	43.9
1956	46,282	8.6	2,478	45.8
1951	45,198	9.8	2,109	45.9
1941	43,270	11.4	950	25.1
1931	23,771	6.9	91	2.7
1921	24,871	8.5	96	3.3

Sources: Statistics Canada, *Vital Statistics, Vol. II, Marriages and Divorces (84-205).*
Ministry of Treasury and Economics, Statistical Services Branch.

Notes: 1. The Divorce Act (Canada), in force July 1, 1968, broadened the availability of divorce.
2. Rates are based on population data in Table 3.1.

Table 3.61 Marriage and Divorce Rates Based on Population at Risk, Ontario, Census Years, 1951 to 1981

	Marriage Rates per 1,000 Single Population 15 Years & Over		Divorce Rates per 100,000 Married Population	
Year	Male	Female	Male	Female
1981	71.5	86.3	..	..
1976	76.7	95.3	325.6	551.1
1971	87.9	110.7	259.5	435.6
1966	81.6	104.9	113.2	141.8
1961	79.9	106.7	86.0	100.7
1956	89.3	121.1	80.0	112.2
1951	92.8	119.6	75.2	113.3

Sources: Office of the Registrar General, *Ontario Vital Statistics.*
Ministry of Treasury and Economics, Statistical Services Branch.

Notes: 1. Married population includes separated.
2. See Table 3.60, note 1.
3. Rates calculated using population data in Table 3.13.

Table 3.62 Marriages by Age of Bride, Ontario, Selected Years, 1951 to 1982

Year	Under 15	15 – 19	20 – 24	25 – 29	30 – 34
			number		
1982	–	8,927	32,433	15,274	6,362
1981	–	9,901	31,918	14,216	5,974
1980	–	11,043	31,372	13,126	5,612
1979	–	12,106	30,806	12,258	5,120
1978	11	13,344	30,048	11,632	4,857
1977	29	14,900	29,669	11,174	4,486
1976	27	16,491	30,296	10,844	4,038
1975	33	18,690	31,222	10,702	3,899
1974	49	20,119	31,574	9,978	3,454
1973	38	20,876	31,356	9,356	3,349
1972	67	21,048	31,946	8,641	3,239
1971	42	19,693	31,700	7,857	3,006
1966	31	18,496	23,680	5,370	1,999
1961	54	14,853	17,655	4,887	2,294
1956	339	13,576	18,327	6,528	2,808
1951	253	11,694	18,415	7,174	2,904

Table 3.62 (cont'd.)

Year	35 – 39	40 – 44	45 +	Not Stated	Total
			number		
1982	3,128	1,757	3,707	7	71,595
1981	2,778	1,631	3,854	9	70,281
1980	2,534	1,484	3,668	1	68,840
1979	2,428	1,472	3,789	1	67,980
1978	2,319	1,464	3,812	4	67,491
1977	2,147	1,357	3,964	4	67,730
1976	2,112	1,431	4,121	4	69,364
1975	2,069	1,434	4,158	2	72,209
1974	1,950	1,348	4,244	–	72,716
1973	1,783	1,458	4,152	3	72,371
1972	1,790	1,428	4,119	–	72,278
1971	1,754	1,405	4,130	3	69,590
1966	1,318	1,012	2,664	1	54,571
1961	1,367	896	2,424	4	44,434
1956	1,458	1,005	2,239	2	46,282
1951	1,590	1,031	2,131	6	45,198

Source: Office of the Registrar General, *Ontario Vital Statistics*.

Note: Data in 1951 and 1956 are for brides under age 16 and the 16 – 19 age group.

Table 3.63 Marriages by Age of Groom, Ontario, Selected Years, 1951 to 1982

Year	Under 15	15 – 19	20 – 24	25 – 29	30 – 34
			number		
1982	–	2,284	26,981	20,609	9,223
1981	–	2,529	27,440	19,684	8,764
1980	–	2,962	28,194	18,550	7,971
1979	–	3,333	28,442	17,760	7,582
1978	–	3,727	28,722	17,189	7,121
1977	1	4,279	29,374	16,798	6,795
1976	–	5,035	30,459	17,243	6,234
1975	–	5,632	32,750	17,195	6,118
1974	–	6,392	33,792	16,833	5,611
1973	–	6,411	34,618	16,205	5,297
1972	1	6,381	35,479	15,595	5,062
1971	–	5,612	35,319	14,299	4,754
1966	–	5,307	27,303	11,503	3,864
1961	–	3,795	20,435	10,282	3,926
1956	..	3,266	20,528	11,998	4,376
1951	..	3,182	19,582	11,136	4,395

Table 3.63 (cont'd.)

Year	35 – 39	40 – 44	45 +	Not Stated	Total
			number		
1982	4,478	2,401	5,611	8	71,595
1981	4,052	2,235	5,568	9	70,281
1980	3,682	2,090	5,390	1	68,840
1979	3,426	2,065	5,371	1	67,980
1978	3,323	1,987	5,420	2	67,730
1977	3,065	1,966	5,448	4	67,491
1976	2,921	1,909	5,558	5	69,364
1975	2,990	1,977	5,545	2	72,209
1974	2,661	1,911	5,516	–	72,716
1973	2,602	1,851	5,386	1	72,371
1972	2,540	1,904	5,315	1	72,278
1971	2,554	1,805	5,243	4	69,590
1966	1,992	1,228	3,372	2	54,571
1961	1,894	1,049	3,052	1	44,434
1956	1,925	1,141	3,045	3	46,282
1951	2,357	1,316	3,225	5	45,198

Source: Office of the Registrar General, *Ontario Vital Statistics*.

Note: In 1951 and 1956, the age group 15 – 19 includes grooms under age 18 and those 18 and 19 years of age.

Table 3.64 Average Age at Marriage, Ontario and Canada, Selected Years, 1921 to 1982

Year	Ontario		Canada	
	Brides	Grooms	Brides	Grooms
1982	26.7	29.4	26.4	29.0
1981	26.5	29.2	26.2	28.8
1980	26.2	28.9	25.9	28.5
1979	26.1	28.7	25.8	28.4
1978	25.9	28.6	25.6	28.2
1977	25.7	28.4	25.4	28.1
1976	25.6	28.2	25.3	27.9
1975	25.3	27.9	25.0	27.6
1974	25.0	27.7	24.7	27.4
1973	25.1	27.7	24.8	27.3
1972	25.1	27.5	24.7	27.1
1971	25.1	27.6	24.8	27.3
1966	24.4	27.1	24.4	27.0
1961	24.9	27.8	24.7	27.7
1956	25.1	27.9	25.0	27.9
1951	25.4	28.3	25.3	28.3
1941	25.2	28.5	25.1	28.9
1931	24.9	28.8	24.9	29.2
1921	25.9	29.7	25.5	29.9

Source: Statistics Canada, *Vital Statistics, Vol. II, Marriages and Divorces,* (84-205).

Note: Data exclude Newfoundland, Yukon and Northwest Territories prior to 1951 and Quebec in 1921.

Table 3.65 Age – Specific Divorce Rates by Sex, Ontario, 1977 to 1982

Year	15 – 19		20 – 24		25 – 29	
	Males	Females	Males	Females	Males	Females
1982	1.0	14.9	245.0	592.6	1,211.2	1,531.7
1981	2.2	19.0	235.3	590.6	1,202.0	1,467.3
1980	2.3	23.3	264.0	639.8	1,259.3	1,521.3
1979	1.6	22.8	281.2	663.4	1,261.9	1,506.6
1978	2.3	28.5	304.3	666.3	1,207.6	1,420.4
1977	3.3	25.5	294.6	670.7	1,170.1	1,355.5

Table 3.65 (cont'd.)

Year	30 – 34		35 – 39		40 – 44	
	Males	Females	Males	Females	Males	Females
1982	1,606.1	1,453.5	1,373.9	1,163.8	1,122.0	944.9
1981	1,491.5	1,307.7	1,250.5	1,063.0	981.3	819.3
1980	1,554.1	1,390.8	1,271.7	1,091.5	1,042.9	871.4
1979	1,533.3	1,375.6	1,269.0	1,073.3	995.0	864.9
1978	1,383.8	1,269.4	1,205.7	1,042.6	971.4	809.9
1977	1,360.3	1,266.1	1,177.3	990.8	913.5	799.1

Table 3.65 (cont'd.)

Year	45 – 49		50 – 54		55 & Over	
	Males	Females	Males	Females	Males	Females
1982	852.2	646.5	592.1	423.9	213.2	111.1
1981	756.0	640.2	589.3	418.2	203.1	103.8
1980	799.1	657.5	615.9	435.8	225.6	118.3
1979	787.4	652.4	594.5	428.8	217.3	112.0
1978	760.2	640.9	576.8	411.3	216.8	110.2
1977	782.5	633.8	549.0	414.9	217.3	110.3

Source: Statistics Canada, *Vital Statistics, Vol. II, Marriages and Divorces, (84-205).*

Note: Rates are calculated per 100,000 male population and 100,000 female population.

Table 3.66 Divorces by Duration of Marriage, Ontario, 1978 to 1982

Year	Under 1 Year	Years						Total Divorces
		1 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 +	
	number							
1982	44	3,390	7,893	5,062	2,799	2,006	2,450	23,644
1981	43	3,047	7,386	4,431	2,527	1,809	2,437	21,680
1980	46	3,365	7,689	4,384	2,556	1,838	2,564	22,442
1979	36	3,383	7,315	4,322	2,393	1,890	2,454	21,793
1978	33	3,225	6,725	3,885	2,412	1,825	2,429	20,534

Source: Statistics Canada, *Vital Statistics, Vol. II, Marriages and Divorces, (84-205).*

Note: Divorces of not stated duration have been distributed according to weights of known duration.

Table 3.67 Divorces by Number of Dependent Children, Ontario, 1978 to 1982

Year	Children						Total Divorces
	None	One	Two	Three	Four	Five or More	
	number						
1982	12,177	4,980	4,691	1,405	305	86	23,644
1981	11,074	4,666	4,199	1,346	308	87	21,680
1980	11,185	4,822	4,459	1,487	383	106	22,442
1979	10,312	5,072	4,413	1,427	427	142	21,793
1978	9,481	4,624	4,260	1,525	466	178	20,534

Source: Statistics Canada, *Vital Statistics, Vol. II, Marriages and Divorces, (84-205).*

Chapter 4
Families and Households

Families and Households

The previous chapter analyzes Ontario's population. The data in this chapter describe the structure of Ontario's population from three different perspectives:

- census families;
- economic families;
- households.

Sources of Data

As with the chapter on population, the basic source of information on families and households is the Census of Canada taken every five years. Census data on households and families are supplemented by intercensal estimates prepared by Statistics Canada.

Census families are family units defined solely in terms of husband-wife and parent-child relationships. They are defined as:

- husbands and wives (including common law couples), living together, with or without any never-married children, regardless of age;
- lone parents of any marital status with one or more children who have never married, regardless of age, living in the same dwelling.

The economic family is a broader concept than the census family. It includes all persons living in the same household who are related in any way by marriage, blood or adoption. For example, a mother-in-law, or two cousins, living in the same dwelling would be considered members of the same economic family, but not as members of the same census family.

All data on households in these tables refer to private households. They exclude households of foreign residents living in Canada. Data prior to the 1976 Census included households of Canadian residents abroad, though their dwellings were not included in the housing data. Therefore, private households do not equal private dwellings in the censuses prior to 1976. These inconsistencies have been dealt with by giving an appropriate note to the relevant table.

There are some minor inconsistencies in the data between various censuses:

- for the 1976 and 1981 Censuses only, couples living together in common law relationships are classified as married;
- for the 1976 and 1981 Censuses, children over 25 living with their parents are classified as children; in previous censuses they were included as members of the family but were classified as adults;
- for the 1976 and 1981 Censuses, unrelated wards, foster and guardian children were not included as part of the family unit. Prior to 1976, these children were included in the family unit;
- for the 1976 and 1981 Censuses, households of Canadian residents abroad are excluded. For previous censuses they were included.

Statistics Canada produces a large number of census documents, microfiche and computer tapes relating to census families, economic families and households after each census. Enquiries about census data should be directed to the Census Division of Statistics Canada, telephone Ottawa, 990-8116.

Families and Households

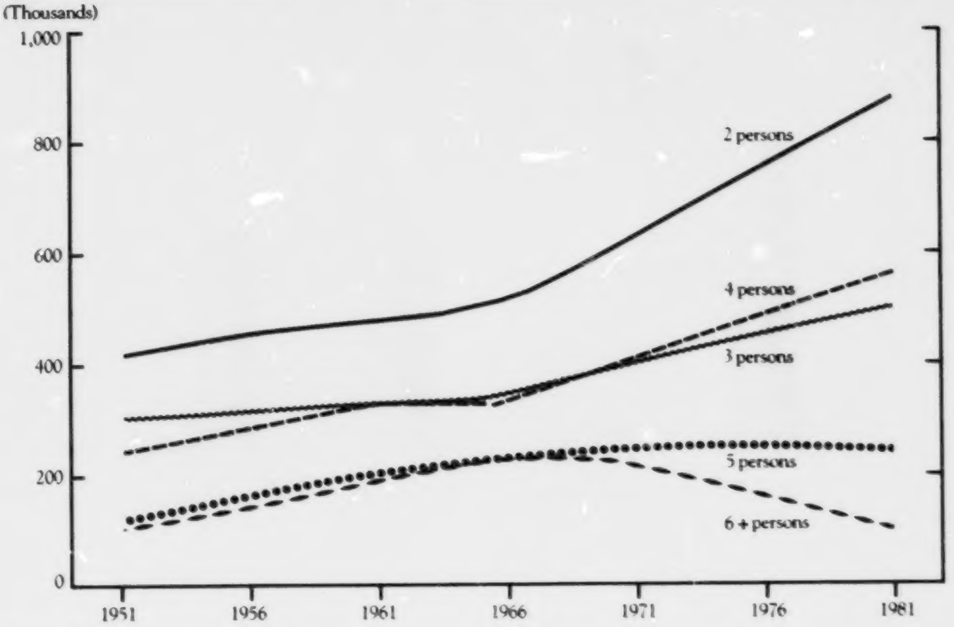
Charts:

4.1 Number of Census Families by Number of Persons Per Family, Ontario, 1951 to 1981
4.2 Census Families by Family Structure, Ontario, 1971 and 1981
4.3 Growth of Population by Family Structure, Ontario, 1971 to 1981
4.4 Household Size, Ontario and Other Regions of Canada, 1951 to 1981

Tables:

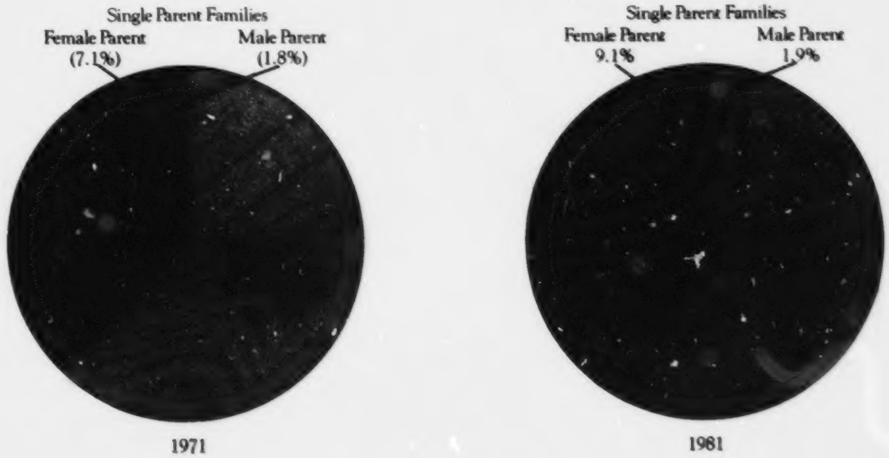
4.1 Census Families, Ontario and Other Regions of Canada, Selected Years, 1951 to 1982
4.2 Census Families by Number of Persons, Ontario, Census Years, 1951 to 1981
4.3 Family Size, Ontario and Other Regions of Canada, Census Years, 1951 to 1981
4.4 Children Per Census Family, Ontario and Other Regions of Canada, Census Years, 1961 to 1981
4.5 Census Families by Family Structure, Ontario and Other Regions of Canada, Census Years, 1971 to 1981
4.6 Population by Census Family Structure, Ontario and Other Regions of Canada, Census Years, 1971 to 1981
4.7 Economic Families, Ontario and Other Regions of Canada, Census Years, 1961 to 1981
4.8 Households by Type, Ontario and Other Regions of Canada, Census Years, 1976 and 1981
4.9 Persons Living Alone, Ontario and Other Regions of Canada, Census Years, 1956 to 1981
4.10 Size of Households, Ontario and Other Regions of Canada, Census Years, 1951 to 1981

Chart 4.1 Number of Census Families by Number of Persons Per Family, Ontario, 1951 to 1981



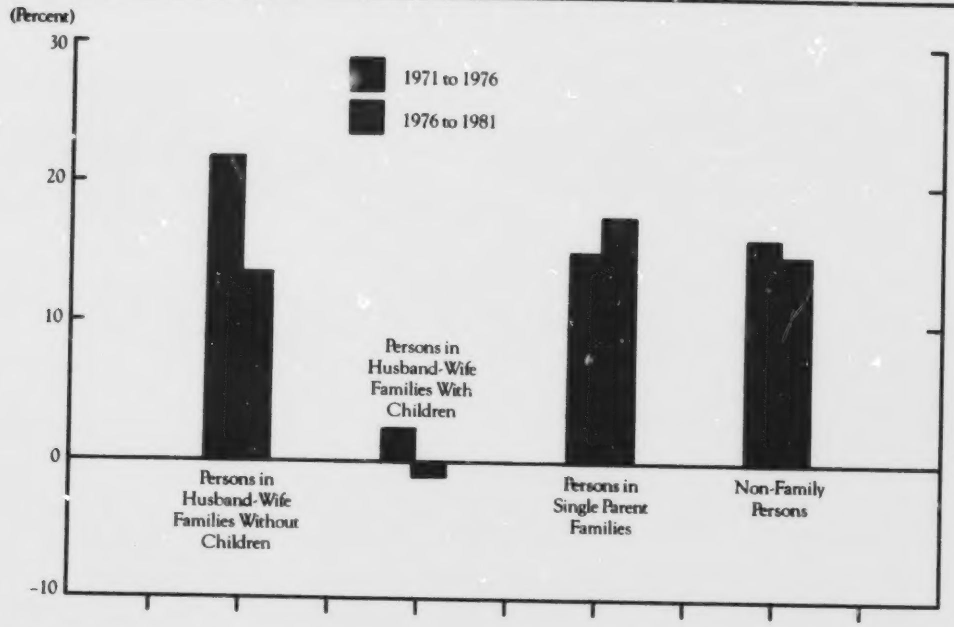
Refer to Table 4.2

Chart 4.2 Census Families by Family Structure, Ontario, 1971 and 1981



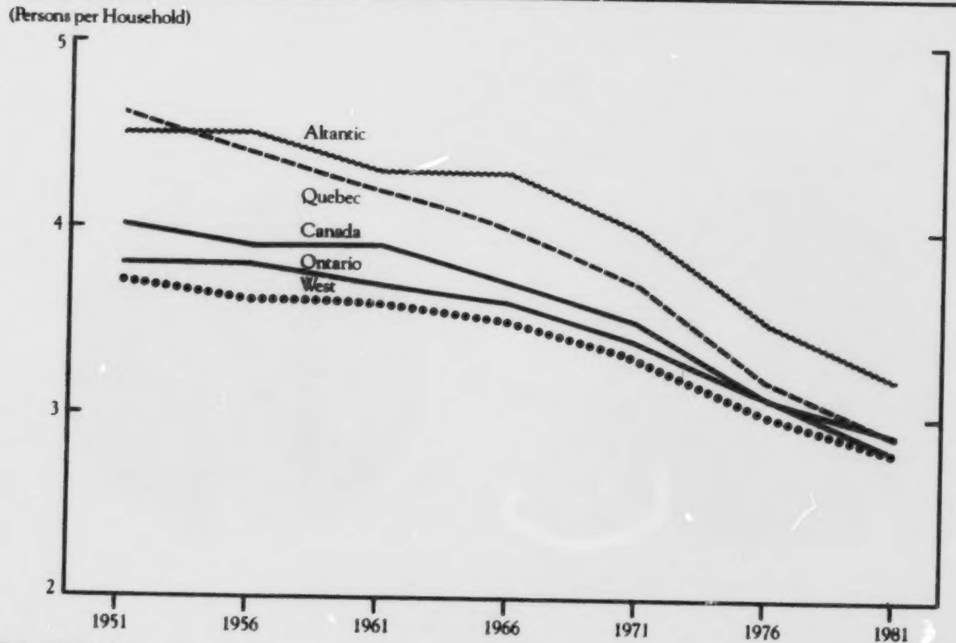
Refer to Table 4.5

Chart 4.3 Growth of Population by Family Structure, Ontario, 1971 to 1981



Refer to Table 4.6

Chart 4.4 Household Size, Ontario and Other Regions of Canada, 1951 to 1981



Refer to Table 4.10

Table 4.1 Census Families, Ontario and Other Regions of Canada, Selected Years, 1951 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1982P	2,304	564	1,685	1,834	6,386	36.1
1981	2,279	558	1,671	1,816	6,325	36.1
1980P	2,215	547	1,598	1,694	6,054	36.6
1979P	2,191	540	1,585	1,653	5,969	36.7
1978	2,168	532	1,573	1,622	5,896	36.8
1977	2,137	524	1,563	1,589	5,813	36.8
1976	2,105	515	1,540	1,568	5,728	36.8
1971	1,877	451	1,354	1,371	5,053	37.1
1966	1,658	415	1,229	1,224	4,526	36.6
1961	1,511	398	1,104	1,134	4,147	36.4
1956	1,343	374	970	1,025	3,712	36.2
1951	1,163	353	856	915	3,287	35.4

Sources: Statistics Canada, *Preliminary Post-censal Estimates of Number of Families, Canada and Provinces, June 1, 1982.*
Estimates of Families for Canada and the Provinces, 1977 to 1980, (91-204).
Census of Canada.

Notes:
1. Excluding census years, figures are estimates.
2. Census families are married couples with or without children and single parents with non-married children at home.
3. Common-law arrangements are considered as marriages after 1971 Census.

Table 4.2 Census Families by Number of Persons, Ontario, Census Years, 1951 to 1981

Year	Two Persons	Three Persons	Four Persons	Five Persons	Six + Persons	Total
				'000's		
1981	876	500	560	241	101	2,279
1976	756	450	485	252	162	2,105
1971	620	395	406	244	217	1,882
1966	512	336	356	227	227	1,658
1961	477	326	327	197	184	1,511
1956	453	314	286	155	135	1,343
1951	412	299	238	115	99	1,163

Source: Statistics Canada, *Census of Canada.*

Note: See Table 4.1, notes 2 and 3.

Table 4.3 Family Size, Ontario and Other Regions of Canada, Census Years, 1951 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada
		average number of persons/family			
1981	3.2	3.5	3.3	3.2	3.3
1976	3.4	3.7	3.5	3.4	3.5
1971	3.6	4.0	3.9	3.6	3.7
1966	3.7	4.2	4.2	3.8	3.9
1961	3.6	4.2	4.2	3.7	3.9
1956	3.5	4.2	4.2	3.6	3.8
1951	3.4	4.1	4.2	3.6	3.7

Source: Statistics Canada, *Census of Canada.*

Note: See Table 4.1, note 2.

Table 4.4 Children Per Census Family, Ontario and Other Regions of Canada, Census Years, 1961 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada
			average number		
1981	1.3	5	1.4	1.3	1.4
1976	1.5	1.8	1.6	1.5	1.6
1971	1.7	2.1	2.0	1.7	1.8
1966	1.7	2.2	2.2	1.8	1.9
1961	1.6	2.2	2.2	1.7	1.9

Source: Statistics Canada, *Census of Canada*.

Notes: 1. See Table 4.1, note 2.
2. Prior to 1976, children 25 years old and over are not included, though they are considered family members.

Table 4.5 Census Families by Family Structure, Ontario and Other Regions of Canada, Census Years, 1971 to 1981

Year	Husband-Wife			Single Parent			Total
	Without Children at Home	With Children at Home	Total	Male	Female	Total	
				'000's			
1981							
Ontario	740.2	1,288.5	2,028.7	43.1	207.2	250.3	2,279.0
Atlantic	150.3	343.1	493.4	11.7	53.1	64.8	558.1
Quebec	488.3	974.8	1,463.1	35.1	173.3	208.4	1,671.5
West	633.8	992.0	1,625.8	34.3	156.2	190.5	1,816.3
Canada	2,012.6	3,598.4	5,611.0	124.2	589.8	714.0	6,325.0
Ontario % of Canada	36.8	35.8	36.2	34.7	35.1	35.1	36.0
Ontario							
1976	617.0	1,285.0	1,902.0	34.0	168.5	202.5	2,104.5
1971	533.8	1,175.5	1,709.3	33.9	133.9	167.8	1,877.1

Source: Statistics Canada, *Census of Canada*.

Note: See Table 4.1, note 2.

Table 4.6 Population by Census Family Structure, Ontario and Other Regions of Canada, Census Years, 1971 to 1981

Year	Population in Families				Non-Family Population	Total
	Husband-Wife					
	Without Children at Home	With Children at Home	Single Parent	Total		
			'000's			
1981						
Ontario	1,480.4	5,196.3	671.8	7,348.5	1,104.5	8,453.0
Atlantic	300.5	1,456.6	184.4	1,941.5	243.5	2,185.0
Quebec	976.6	3,950.2	564.4	5,491.2	805.2	6,292.4
West	1,267.6	4,035.4	518.4	5,821.4	1,041.6	6,863.0
Canada	4,025.1	14,638.5	1,939.0	20,602.6	3,194.8	23,797.4
Ontario % of Canada	36.8	35.5	34.6	35.7	34.6	35.5
Ontario						
1976	1,302.0	5,252.6	570.0	7,124.6	959.6	8,084.2
1971	1,067.6	5,160.8	494.1	6,722.5	825.0	7,547.5

Source: Statistics Canada, *Census of Canada*.

Note: See Table 4.1, note 2.

Table 4.7 Economic Families, Ontario and Other Regions of Canada, Census Years, 1961 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1981	2,293.2	561.4	1,703.1	1,839.5	6,397.2	35.8
1976	2,114.0	513.1	1,561.1	1,581.7	5,769.9	36.6
1971	1,891.8	449.7	1,376.2	1,394.8	5,112.5	37.0
1961	1,494.7	386.5	1,093.2	1,131.8	4,106.2	36.4

Source: Statistics Canada, *Census of Canada*.

Note: The economic family concept requires only that family members be related by blood, marriage or adoption, whereas the census family concept requires that family members must have a husband-wife or parent never married child relationship.

Table 4.8 Households by Type, Ontario and Other Regions of Canada, Census Years, 1976 and 1981

	Family Households			Non-Family Households			
Year	One Family	Multiple Family	Total	One Person	Two or More Persons	Total	Total
				'000's			
1981							
Ontario	2,202.2	37.9	2,240.1	611.3	118.4	729.6	2,969.8
Atlantic	533.2	12.3	545.5	101.5	27.2	128.7	674.2
Quebec	1,637.8	16.8	1,654.6	425.0	93.3	518.3	2,172.9
West	1,767.1	24.2	1,791.3	543.3	130.0	673.4	2,464.6
Canada	6,140.3	91.2	6,231.5	1,681.1	368.9	2,050.0	8,281.5
Ontario % of Canada	35.9	41.6	35.9	36.4	32.1	35.6	35.9
Ontario 1976	2,027.6	38.0	2,065.6	448.9	120.1	569.0	2,634.6

Source: Statistics Canada, *Census of Canada*.

Note: A private household refers to a person or a group of persons occupying a private dwelling.

Table 4.9 Persons Living Alone, Ontario and Other Regions of Canada, Census Years, 1956 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1981	611.3	101.5	425.0	543.3	1,681.0	36.4
1976	448.9	72.1	294.3	390.0	1,205.3	37.2
1971	294.3	49.7	193.2	274.1	811.3	36.3
1966	206.3	37.4	132.5	213.4	589.6	35.0
1961	149.1	30.9	83.7	161.1	424.8	35.1
1956	103.1	24.9	50.5	130.1	308.6	33.4

Source: Statistics Canada, *Census of Canada*.

Notes: 1. Person living alone is a one-person, non-family household.
2. Data prior to 1976 include persons living alone abroad.

Table 4.10 Size of Households, Ontario and Other Regions of Canada, Census Years, 1951 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada
		average number of persons/household			
1981	2.8	3.2	2.9	2.8	2.9
1976	3.1	3.5	3.2	3.0	3.1
1971	3.4	4.0	3.7	3.3	3.5
1966	3.6	4.3	4.0	3.5	3.7
1961	3.7	4.3	4.2	3.6	3.9
1956	3.8	4.5	4.4	3.6	3.9
1951	3.8	4.5	4.6	3.7	4.0

Source: Statistics Canada, *Census of Canada.*

Notes: 1. See note, Table 4.8.

2. Prior to 1976, households of Canadian residents living abroad are included. The numbers are too small to affect average household size.

Chapter 5
Women

Women

This chapter presents data on women and their status in Ontario. The major subject areas covered include:

- demographics;
- labour force;
- employment;
- health;
- social services;
- education;
- justice.

Much of the data has been extracted or derived from other chapters in the publication. References to the tables with similar or additional data in other chapters have been made where notes and definitions may apply.

Sources of Data

Sources for derived tables are covered extensively in other chapters. Other sources include:

Profile of Native Women, 1981 Census of Canada, contains data pertaining to Native Women, including population figures, age, household and family type and size, income (female-led single parent families), labour force activity, industry and occupation, individual income, education, fertility and housing. Comparisons are also made between Native and Non-native women.

Data on income are collected on a 20% sample basis in the census. *Population, Private Households, Census Families in Private Households – Income, (93-954)*, presents 1980 income size distributions. Average income and median income of population 15 years and over are calculated for persons with income only, and for all census families, non-family persons and private households whether or not they report any income.

For details on census methodology see the introduction to Chapter 3, Population.

The Ontario Civil Service Commission Annual Report contains statistical data regarding provincial civil servants on a fiscal year basis (April to March, inclusive). Distribution by sex and salary group are shown as well as appointments to and separations from the Public Service. Over the time period shown (1975/76 to 1982/83) several changes in status of employees within certain groups occurred. For example, in 1978/79 staff of the Office of the Provincial Auditor ceased to be classified as civil servants and therefore are not included in total figures in later years.

The Status of Women Crown Employees is an annual report issued by the Ontario Women's Directorate, showing data on the occupational status of women in the Ontario Public Service.

The Addiction Research Foundation issues *Statistics on Alcohol and Drug Use in Canada and Other Countries, 1982*. The data are derived from Gallup household surveys. This publication also contains extensive clinical data on hospital separations and death rates from alcohol and drug-related problems, classified by sex, primarily on a Canada-wide basis. Additional information can be obtained from the statistical information section of the Addiction Research Foundation, telephone Toronto, 595-6091.

Two Statistics Canada publications, *Therapeutic Abortions, (82-211)*, and *Basic Facts on Therapeutic Abortions, Canada, (82-215)*, relate to the therapeutic abortions performed under legislation which came into force on August 26, 1969. Information on the number of therapeutic abortions in hospitals with therapeutic abortion committees is reported to Statistics Canada monthly, through provincial departments of health or directly by hospitals. The monthly reports are based on individual case reports which contain certain demographic and medical items. Enquiries about these publications can be made to Statistics Canada's Health Division, telephone Ottawa, 990-8386.

Women

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5.4 Population by Income and Sex, Ontario, 1981
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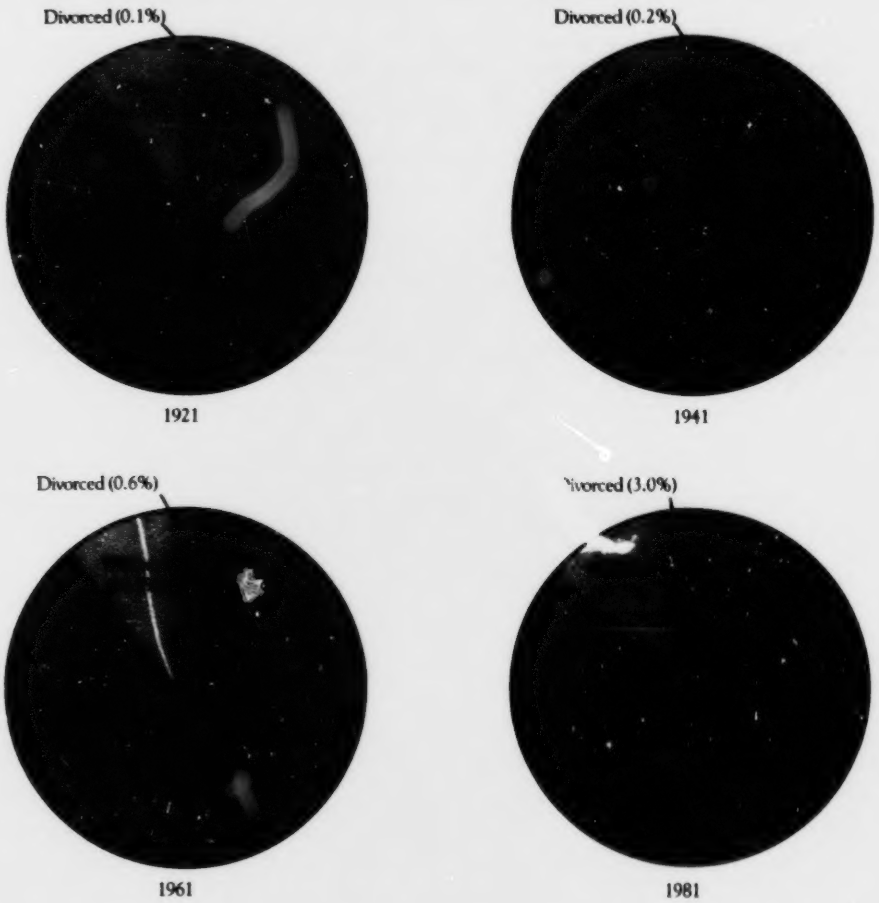
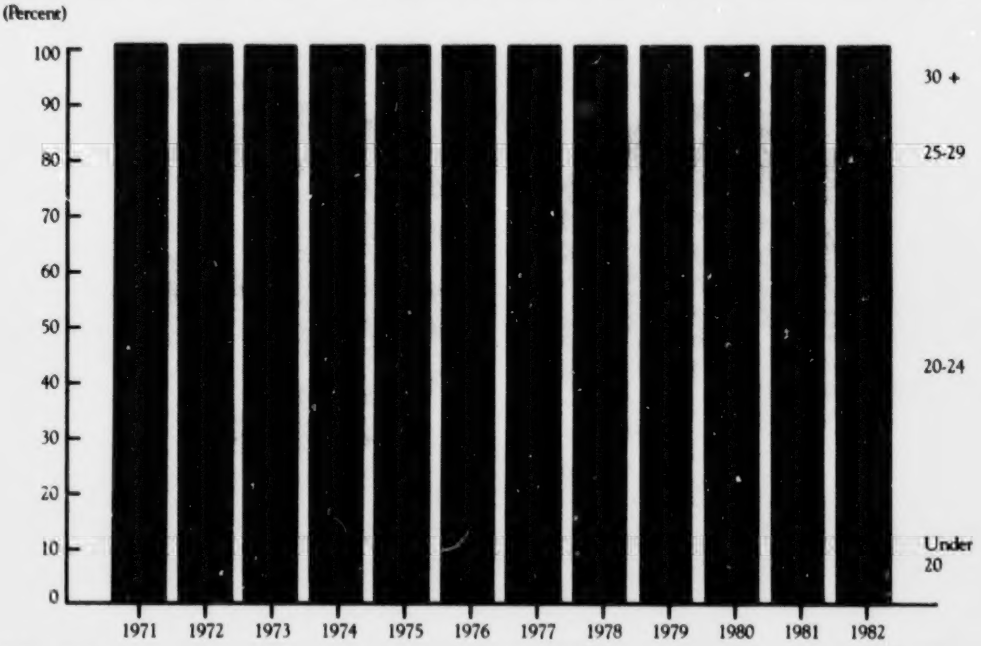
5.54 Persons Admitted to Jails and Detention Centres and Persons Sentenced to Imprisonment, Percent Women by Age, Ontario, 1978/79 to 1982/83

Chart 5.1 Marital Status of Women, Ontario, Census Years, 1921 to 1981



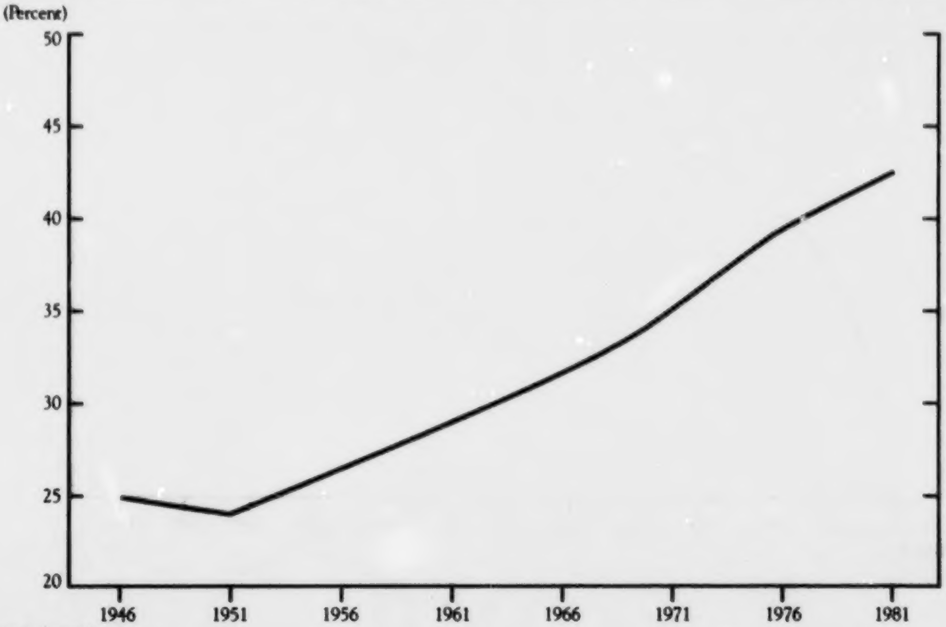
Refer to Table 5.8

Chart 5.2 First Marriages by Age of Women, Ontario, Selected Years, 1971 to 1982



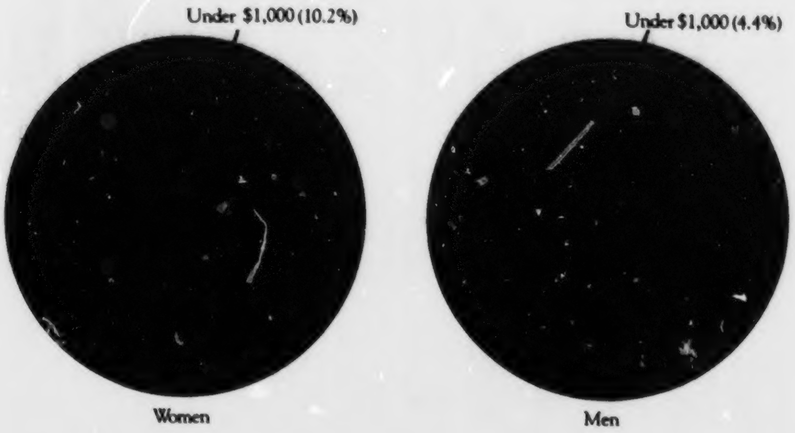
Refer to Table 5.9

Chart 5.3 Labour Force, Percent Women, Ontario, Selected Years, Annual Averages, 1946 to 1981



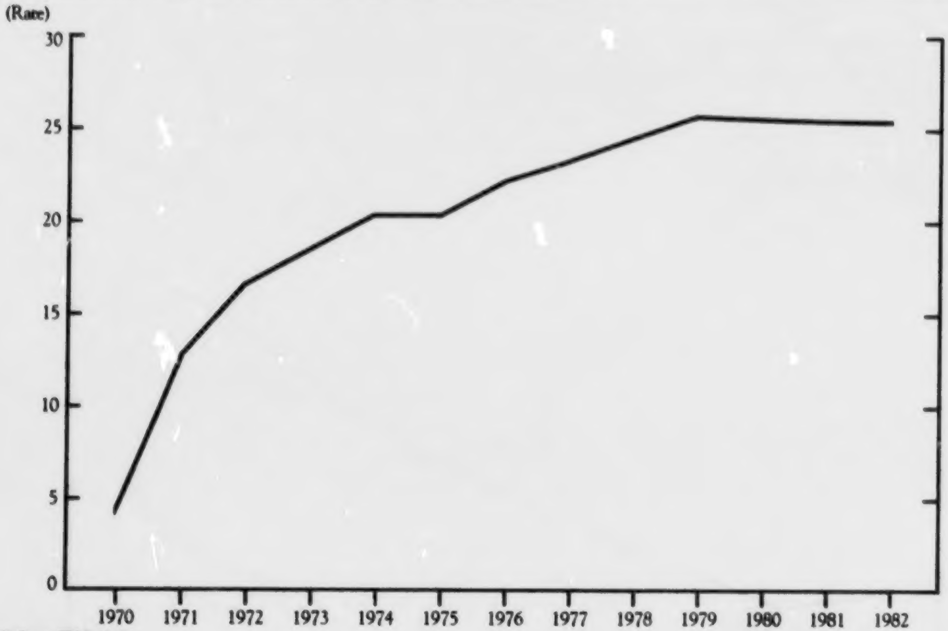
Refer to Table 5.11

Chart 5.4 Population by Income and Sex, Ontario, 1981



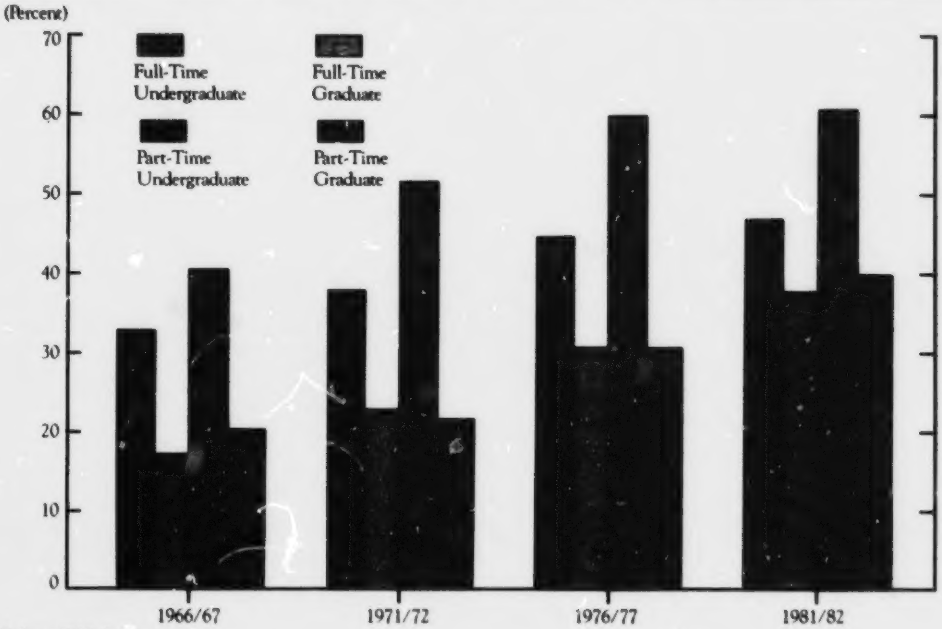
Refer to Table 5.19

Chart 5.5 Therapeutic Abortions, Ontario, 1970 to 1982



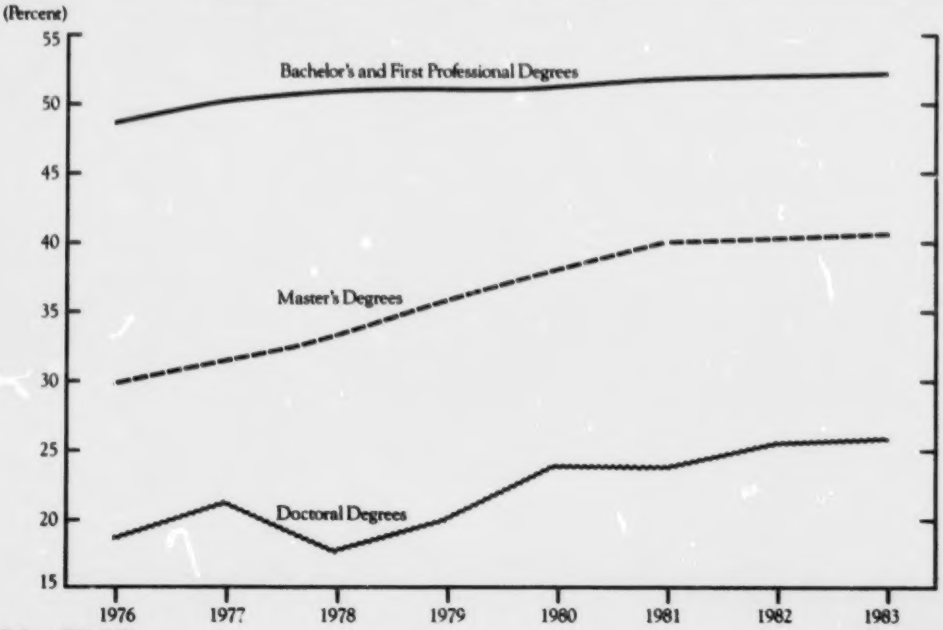
Refer to Table 5.35

Chart 5.6 University Enrolment, Percent Women, Selected Years, Ontario, 1966/67 to 1981/82



Refer to Table 5.47

Chart 5.7 University Degrees Awarded to Women, Ontario, 1976 to 1983



Refer to Table 5.50

Table 5.1 **Population, Percent Female, Ontario and Other Regions of Canada, Selected Years, 1881 to 1983**

Year	Ontario	Atlantic	Quebec	West	Canada
			percent female		
1983^{p}	50.8	50.3	50.8	49.9	50.5
1982^{p}	50.8	50.3	50.8	49.8	50.5
1981	50.8	50.2	50.7	49.8	50.4
1976	50.4	49.8	50.5	49.8	50.2
1971	50.1	49.5	50.3	49.5	50.0
1966	50.0	49.5	50.1	49.2	49.8
1961	49.7	49.2	50.0	48.7	49.5
1956	49.7	49.1	49.9	48.3	49.3
1951	49.7	49.4	50.1	48.3	49.4
1941	49.3	48.8	49.8	47.0	48.7
1931	49.0	48.8	49.7	45.7	48.2
1921	49.5	49.2	50.0	45.5	48.5
1911	48.5	49.0	49.5	40.7	47.0
1901	49.8	49.2	50.0	41.7	48.8
1891	49.4	49.4	50.0	42.5	49.1
1881	49.2	49.5	50.1	44.8	49.4

Sources: Statistics Canada, *Estimates of Population for Canada and the Provinces, June 1, 1983, (91-201).*
Daily, April 21, 1983, (11-001).
Revised Annual Estimates of Population by Sex and Age for Canada and the Provinces, 1971 - 1976, (91-518).
Census of Canada.
Historical Statistics of Canada, Second Edition.

Note: Percentages calculated on rounded data.

Table 5.2 **Population, Percent Female by Age Group, Ontario and Other Regions of Canada, Census Years, 1921 to 1981**

Year	0 - 14	15 - 19	20 - 24	25 - 44	45 - 64	65 & Over	Total
				percent female			
1981							
Ontario	48.7	48.9	50.3	50.4	50.8	58.3	50.8
Atlantic	48.7	48.9	50.3	49.8	50.7	55.6	50.2
Quebec	48.7	49.0	49.9	50.1	51.8	58.6	50.7
West	48.7	49.0	49.3	49.0	50.2	55.1	49.8
Canada	48.7	48.9	49.9	49.9	50.9	57.2	50.4
Ontario							
1976	48.7	48.9	50.5	49.7	50.8	58.0	50.4
1971	48.8	49.2	50.3	49.2	50.6	57.3	50.1
1966	48.8	49.1	50.4	49.8	50.0	56.0	50.0
1961	48.8	48.9	50.8	49.7	49.4	54.4	49.7
1956	49.0	49.3	50.1	49.6	49.2	53.1	49.6
1951	48.9	49.3	49.8	49.9	49.2	52.5	49.7
1941	49.3	49.2	49.5	48.9	48.8	52.0	49.3
1931	49.3	48.8	49.3	48.8	48.5	50.9	49.0
1921	49.4	49.7	51.5	49.2	48.8	50.2	49.5

Source: Statistics Canada, *Census of Canada.*

Note: See note, Table 5.1.

Table 5.3 Female Population by Age Group, Ontario and Other Regions of Canada, Census Years, 1921 to 1981

Year	0 – 14	15 – 19	20 – 24	25 – 44	45 – 64	65 & Over	Total	
				percent				'000's
1981								
Ontario	21.0	9.0	9.1	29.1	20.2	11.6	100.0	4,378.3
Atlantic	24.8	10.2	9.2	27.4	17.5	11.0	100.0	1,121.8
Quebec	20.8	9.3	9.8	30.1	19.7	10.2	100.0	3,266.2
West	22.6	9.1	9.9	28.9	18.4	11.0	100.0	3,508.5
Canada	21.8	9.2	9.5	29.2	19.3	11.0	100.0	12,274.9
Ontario % of Canada	34.4	34.9	34.0	35.6	37.4	37.5	...	35.7
Ontario								
1976	24.3	9.5	9.0	27.0	19.9	10.3	100.0	4,167.6
1971	27.9	9.1	8.8	25.3	19.3	9.6	100.0	3,862.2
1966	30.9	8.5	7.0	26.1	18.4	9.1	100.0	3,481.7
1961	31.6	6.9	6.3	28.0	18.3	8.9	100.0	3,101.6
1956	29.5	6.4	6.8	29.7	18.5	9.0	100.0	2,683.4
1951	26.5	6.8	7.7	30.2	19.6	9.2	100.0	2,283.4
1941	24.4	8.9	8.6	29.4	20.3	8.4	100.0	1,866.5
1931	28.1	9.2	8.5	28.7	18.3	7.1	100.0	1,682.8
1921	30.1	8.7	8.5	29.5	17.2	6.0	100.0	1,451.8

Source: Statistics Canada, *Census of Canada.*

Note: See note, Table 5.1.

Table 5.4 Median Age of Women Indexed to Median Age of Men, Ontario and Canada, Census Years, 1901 to 1981

Year	Ontario	Canada
1981	105.0	104.5
1976	104.7	104.4
1971	104.5	103.9
1966	105.3	104.0
1961	103.2	101.9
1956	102.1	100.4
1951	101.3	99.3
1941	99.7	96.7
1931	97.6	94.1
1921	98.5	93.5
1911	98.8	93.5
1901	100.0	97.8

Sources: Statistics Canada, *Census of Canada.*
Ministry of Treasury and Economics, Statistical Services Branch.

Table 5.5 Live Births by Age of Mother, Ontario, Selected Years, 1951 to 1982

Year	Under 15	15 - 19	20 - 24	25 - 29	30 - 34
			percent		
1982	0.1	7.2	28.3	37.6	20.7
1981	0.1	7.5	29.0	37.5	20.5
1980	0.1	8.2	29.7	37.3	19.7
1979	0.1	8.6	30.4	36.9	19.0
1978	0.1	9.5	31.3	36.4	18.0
1977	0.1	10.1	32.2	36.1	16.9
1976	0.1	10.8	32.4	36.5	15.3
1975	0.1	11.2	32.8	36.4	14.7
1974	0.1	11.7	32.7	35.7	14.6
1973	0.1	12.2	33.2	34.6	14.1
1972	0.1	12.2	34.3	33.0	14.2
1971	0.1	11.9	35.7	31.4	14.0
1966	0.1	12.8	31.7	26.5	16.5
1961	0.1	9.4	29.9	28.1	19.2
1956	--	7.9	28.8	29.5	21.0
1951	--	8.1	28.5	31.2	19.3

Table 5.5 (cont'd.)

Year	35 - 39	40 - 44	45 - 49	Total	
		percent			#
1982	5.4	0.6	--	100.0	124,856
1981	4.8	0.7	--	100.0	122,183
1980	4.5	0.6	--	100.0	123,316
1979	4.3	0.7	--	100.0	121,655
1978	4.1	0.6	--	100.0	120,964
1977	4.0	0.6	--	100.0	122,757
1976	4.1	0.8	--	100.0	122,700
1975	4.0	0.8	0.1	100.0	125,775
1974	4.2	0.9	0.1	100.0	124,229
1973	4.7	1.1	0.1	100.0	123,776
1972	5.0	1.2	0.1	100.0	125,060
1971	5.5	1.4	0.1	100.0	130,395
1966	9.3	2.9	0.2	100.0	131,942
1961	10.5	2.7	0.2	100.0	157,663
1956	9.9	2.8	0.2	100.0	143,516
1951	10.0	2.7	0.2	100.0	114,827

Sources: Statistics Canada, *Vital Statistics, Vol. I, Births and Deaths, 1982, (84-204).*
Office of the Registrar General, *Ontario Vital Statistics.*

Note: Births to mothers of not stated ages have been distributed according to weights of known age groups.

Table 5.6 Live First Births by Age of Mother, Ontario, Selected Years, 1956 to 1982

Year	Under 15	15 – 19	20 – 24	25 – 29	30 – 34
			percent		
1982	0.1	13.5	37.1	34.5	12.2
1981	0.1	14.0	37.4	34.2	11.9
1980	0.1	15.2	37.5	34.0	11.1
1979	0.2	16.1	38.4	33.0	10.4
1978	0.2	17.5	39.1	31.9	9.5
1977	0.1	18.9	40.3	30.4	8.5
1976	0.2	20.2	40.7	29.9	7.4
1975	0.2	20.9	40.8	29.5	6.9
1974	0.2	22.4	40.4	28.7	6.7
1973	0.2	24.1	40.8	27.3	6.0
1972	0.2	24.5	42.3	25.6	5.9
1971	0.2	24.2	45.4	23.4	5.3
1966	0.2	29.9	44.8	17.3	5.4
1961	0.2	24.9	43.9	19.9	7.6
1956	0.1	20.3	42.4	24.0	9.4

Table 5.6 (cont'd.)

Year	35 – 39	40 – 49	Total	
		percent		#
1982	2.3	0.3	100.0	57,010
1981	2.1	0.2	100.0	55,394
1980	1.9	0.2	100.0	56,080
1979	1.8	0.2	100.0	54,224
1978	1.6	0.3	100.0	54,132
1977	1.5	0.2	100.0	54,704
1976	1.5	0.2	100.0	54,120
1975	1.5	0.2	100.0	55,582
1974	1.4	0.2	100.0	53,569
1973	1.3	0.3	100.0	52,575
1972	1.3	0.2	100.0	51,975
1971	1.3	0.3	100.0	52,793
1966	2.0	0.5	100.0	44,989
1961	2.8	0.5	100.0	43,449
1956	3.1	0.8	100.0	42,167

Source: Office of the Registrar General, *Ontario Vital Statistics*.

Notes: 1. Age group 40 – 49 includes a small number of age not stated.
2. For 1956, the 40 – 49 age group includes one birth to a woman over 50 years.

Table 5.7 Average Life Expectancy by Selected Age and Sex, Ontario and Canada, 1951 and 1981

	Ontario		Canada	
	Female	Male	Female	Male
At Birth				
1981p	79.0	72.3	78.9	71.9
1951	71.9	66.9	70.8	66.3
One Year				
1981p	78.6	72.0	78.6	71.7
1951	72.9	68.3	72.3	68.3
20 Years				
1981p	60.0	53.6	60.0	53.4
1951	54.8	50.6	54.4	50.8
40 Years				
1981p	40.6	34.7	40.7	34.7
1951	35.8	32.0	35.6	32.5
60 Years				
1981p	22.7	17.8	22.8	18.0
1951	18.6	16.2	18.6	16.5

Sources: Statistics Canada, *Vital Statistics, Vol. III, Deaths, (84-206).*
Vital Statistics and Disease Registries Section, Health Division.

Table 5.8 Marital Status of Women, Ontario and Other Regions of Canada, Census Years, 1921 to 1981

Year	Single	Married	Widowed	Divorced	Total	
			percent			'000's
1981						
Ontario	23.6	63.0	10.5	3.0	100.0	3,459.3
Atlantic	25.4	61.9	10.5	2.2	100.0	844.1
Quebec	27.6	60.0	9.3	3.1	100.0	2,586.6
West	22.6	64.1	9.8	3.5	100.0	2,714.7
Canada	24.5	62.4	10.0	3.1	100.0	9,604.9
Ontario % of Canada	34.5	36.3	38.0	34.6	...	35.7
Ontario						
1976	23.1	64.4	10.4	2.2	100.0	3,156.8
1971	22.6	65.5	10.4	1.5	100.0	2,784.8
1966	21.6	67.0	10.8	0.7	100.0	2,405.5
1961	19.6	69.3	10.5	0.6	100.0	2,122.3
1956	20.2	68.7	10.6	0.5	100.0	1,890.9
1951	22.5	66.5	10.6	0.5	100.0	1,677.9
1941	29.8	59.8	10.1	0.2	100.0	1,411.3
1931	32.0	58.1	9.8	0.1	100.0	1,210.4
1921	31.9	58.2	9.8	0.1	100.0	1,014.6

Source: Statistics Canada, *Census of Canada.*

Notes: 1. See note, Table 5.1.
2. Only women over the age of 15 are included.
3. Some data derived from Table 3.13.

Table 5.9 First Marriages by Age of Women, Ontario, Selected Years, 1961 to 1982

Year	Under 20	20 – 24	25 – 29	30 – 34	35 – 44	45 – 54	55 – 64	65 & Over	First Marriages	
			percent							#
1982	15.6	55.2	21.0	5.4	2.1	0.5	0.2	0.1	100.0	57,095
1981	17.6	55.2	19.5	5.0	2.0	0.4	0.2	0.1	100.0	56,055
1980	20.0	54.9	18.0	4.6	1.8	0.5	0.2	0.1	100.0	55,182
1979	22.1	54.3	16.8	4.2	1.8	0.5	0.2	0.1	100.0	54,679
1978	24.4	53.0	16.0	4.0	1.7	0.5	0.2	0.1	100.0	54,627
1977	26.9	51.6	15.1	3.8	1.7	0.5	0.2	0.1	100.0	55,481
1976	28.7	50.9	14.2	3.5	1.8	0.5	0.3	0.1	100.0	57,401
1975	30.8	49.8	13.4	3.3	1.7	0.6	0.3	0.2	100.0	60,646
1974	32.6	49.6	12.4	2.9	1.6	0.6	0.2	0.1	100.0	61,715
1973	33.7	49.1	11.7	2.9	1.7	0.6	0.2	0.1	100.0	61,943
1972	33.9	49.8	10.9	2.8	1.7	0.6	0.2	0.1	100.0	62,245
1971	32.8	51.4	10.3	2.7	1.7	0.6	0.3	0.1	100.0	60,058
1961	37.5	43.7	10.7	4.0	2.8	0.9	0.4	0.1	100.0	39,761

Source: Office of the Registrar General, *Ontario Vital Statistics*.

Note: Age group 65 & Over includes a negligible number of age not stated.

Table 5.10 Population of Aboriginal Women by Legal Classification, Ontario and Other Regions of Canada, 1981

	Inuit	Status Indian	Non-status Indian	Métis	Total
			'000's		
Ontario	0.5	36.0	13.4	6.4	56.3
Atlantic	1.0	5.7	1.8	0.8	9.3
Quebec	2.4	17.1	2.9	3.7	26.0
West	8.5	89.3	20.5	38.9	157.3
Canada	12.4	148.1	38.5	49.8	248.8
Ontario % of Canada	4.3	24.3	34.8	12.8	22.6

Sources: Statistics Canada, *Census of Canada*.
Profile of Native Women.

Note: Includes all ages.

Table 5.11 Labour Force, Percent Women by Age Group, Ontario, Annual Averages, Selected Years, 1946 to 1983

Year	15 - 19	20 - 24	25 - 44	45 - 64	65 & Over	Total
			percent women			
1983	48.8	47.4	44.0	38.1	28.6	43.1
1982	48.6	47.3	43.3	37.7	30.4	42.7
1981	47.7	47.0	42.6	37.4	31.3	42.2
1980	47.7	47.6	41.6	37.3	27.0	41.7
1979	47.4	46.7	40.6	37.0	28.0	41.0
1978	46.7	46.4	39.9	35.9	26.4	40.3
1977	47.2	46.3	38.6	35.7	24.6	39.6
1976	48.2	46.1	37.9	35.1	26.4	39.2
1975	46.8	45.7	37.8	34.1	25.6	38.7
1974	45.8	44.3	34.3	32.8	22.7	36.3
1973	45.2	43.5	33.4	32.7	22.1	35.6
1972	45.6	43.1	32.7	31.4	23.6	34.8
1971	47.0	42.9	31.4	31.5	24.7	34.4
1966	44.4	40.2	28.8	28.9	21.1	31.4
1961	45.1	37.3	25.8	26.2	20.0	28.5
1956	44.0	37.6	23.9	21.2	15.8	26.1
1951	..	..	..	..	..	23.7
1946	..	..	..	..	..	24.5

Sources: Statistics Canada, *Labour Force Annual Averages*, (71-529).
Special tabulations.

Note: See Table 6.3, notes 1 and 2.

Table 5.12 Labour Force Participation Rates for Women by Age Group, Ontario, Annual Averages, Selected Years, 1946 to 1983

Year	15 - 19	20 - 24	25 - 44	45 - 64	65 & Over	Total	
						Ontario	Canada
				percent			
1983	56.9	76.9	73.0	50.5	4.2	56.4	52.6
1982	57.2	76.2	71.3	50.7	5.0	55.8	51.7
1981	58.4	75.8	70.0	50.4	5.5	55.5	51.7
1980	57.0	76.5	67.5	50.1	4.4	54.3	50.4
1979	56.6	74.1	65.2	50.0	4.8	53.2	49.0
1978	52.6	72.4	63.6	47.6	4.5	51.4	47.9
1977	50.7	71.8	60.3	47.0	4.3	49.8	46.0
1976	51.0	69.9	58.9	46.2	4.8	49.0	45.2
1975	51.7	68.9	58.8	44.5	5.3	48.6	44.4
1974	45.9	66.2	51.0	42.6	4.0	44.0	40.5
1973	42.5	63.4	49.0	42.7	4.2	42.5	39.4
1972	40.3	62.9	47.7	40.5	4.9	41.2	37.8
1971	39.7	60.8	45.2	40.8	5.5	40.2	37.1
1966	36.6	56.5	39.0	37.9	6.3	36.1	33.6
1961	32.8	50.3	33.8	33.8	6.9	31.9	28.7
1956	39.3	51.9	30.5	26.0	6.4	29.4	24.9
1951	..	..	..	..	..	26.2	23.5
1946	..	..	..	..	..	26.9	24.7

Sources: Statistics Canada, *Labour Force Annual Averages*, (71-529).
Special tabulations.

Note: See Table 6.3, notes 1 and 2.

Table 5.13 Single Parent Families by Sex of Parent, Labour Force Activity and Children at Home, Ontario, 1981

	Children at Home					
	1	2	3	4	5 or More	Total
			'000's			
Female Parent						
In Labour Force	65.0	40.2	14.5	3.8	1.3	124.8
Not in Labour Force	47.2	21.6	9.0	3.3	1.7	82.8
Total	112.2	61.8	23.5	7.1	3.0	207.6
Male Parent						
In Labour Force	18.3	10.7	4.0	1.2	0.6	34.9
Not in Labour Force	5.6	1.3	0.5	0.2	0.1	7.8
Total	24.0	12.0	4.5	1.4	0.8	42.6
Total	136.2	73.8	28.0	8.5	3.7	250.2

Source: Statistics Canada, *1981 Census of Canada, Census Families in Private Households*, (92-935).

Note: See Table 6.10, notes 1 and 2.

Table 5.14 Single Parent Families, Female-Led by Labour Force Activity of Family Members and Age of Parent, Ontario, 1981

	Under 35	35 – 44	45 – 54	55 & Over	Total
			number		
No Persons in Labour Force	24,310	8,985	5,190	7,970	46,450
One Person in Labour Force					
Parent	40,185	24,290	8,835	2,525	75,835
Child	200	2,355	4,680	21,715	28,945
Total	40,385	26,650	13,510	24,240	104,785
Two Persons in Labour Force					
Parent & Child	580	10,160	14,325	9,870	34,935
Children	20	770	1,795	3,345	5,930
Total	600	10,935	16,120	13,210	40,865
Three or More Persons in Labour Force					
Parent & Children	80	4,270	6,765	2,940	14,055
Children Only	5	180	545	695	1,425
Total	85	4,445	7,310	3,630	15,475
Total	65,370	51,010	42,140	49,060	207,575

Source: Statistics Canada, *1981 Census of Canada, Census Families in Private Households*, (92-935).

Note: See Table 6.10, notes 1 and 2.

Table 5.15 Labour Force, Percent Women by Industry, Ontario, 1975 to 1983

Year	Agri-culture	Other Primary	Manu-facturing	Con-struction	Trans-portation, Commu-nication & Other Utilities
			percent women		
1983	34.0	8.6	30.3	8.7	26.0
1982	33.3	10.0	29.0	9.1	25.3
1981	31.6	10.3	28.3	8.6	24.3
1980	32.5	9.4	29.1	9.0	23.3
1979	29.9	8.3	27.9	8.2	23.1
1978	30.4	7.1	27.6	8.1	21.9
1977	29.3	6.7	26.9	7.8	21.3
1976	28.0	6.6	27.9	7.1	20.8
1975	26.6	7.5	25.9	6.7	19.9

Table 5.15 (cont'd.)

Year	Trade	Finance, Insurance & Real Estate	Service	Public Adminis-tration	Unclas-sified	Total
			percent women			
1983	45.5	59.5	61.0	39.7	62.5	43.1
1982	44.9	60.9	62.1	39.6	65.4	42.7
1981	46.5	61.8	61.8	37.8	69.2	42.2
1980	46.8	60.2	61.8	35.3	68.0	41.7
1979	45.6	59.4	60.7	37.8	71.4	41.0
1978	43.2	57.9	61.4	35.6	67.9	40.3
1977	43.6	58.1	60.6	35.4	68.2	39.6
1976	43.3	58.9	59.9	34.3	65.0	39.2
1975	42.9	57.7	59.8	34.6	60.0	38.7

Source: Statistics Canada, *Labour Force, Annual Averages, (71-529).*

Notes: 1. See Table 6.17.
2. Percentages calculated using Annual Averages.

Table 5.16 Women in the Labour Force by Industry, Ontario, 1975 to 1983

Year	Agri-culture	Other Primary	Manu-facturing	Con-struction	Trans-portation, Commu-nication & Other Utilities
			percent		
1983	2.6	0.3	16.2	1.1	4.1
1982	2.5	0.3	16.3	1.2	4.1
1981	2.6	0.4	16.7	1.1	4.0
1980	2.7	0.3	17.5	1.3	4.1
1979	2.6	0.2	17.0	1.2	4.1
1978	2.5	0.2	16.6	1.3	4.0
1977	2.5	0.3	16.5	1.3	3.9
1976	2.2	0.3	17.7	1.2	3.9
1975	2.2	0.3	16.5	1.2	3.6

Table 5.16 (cont'd.)

Year	Trade	Finance, Insurance & Real Estate	Service	Public Adminis-tration	Unclas-sified	Total
			percent			
1983	17.3	7.9	43.7	5.8	1.0	100.0
1982	17.4	8.3	43.1	5.9	0.9	100.0
1981	17.7	8.3	42.6	5.7	1.0	100.0
1980	18.2	8.6	41.1	5.4	0.9	100.0
1979	18.8	8.3	41.0	5.7	1.1	100.0
1978	18.1	8.4	41.8	5.9	1.1	100.0
1977	18.2	8.4	42.0	6.1	0.9	100.0
1976	18.4	8.7	40.7	6.2	0.9	100.0
1975	19.0	8.4	41.3	6.3	1.2	100.0

Source: Statistics Canada, *Labour Force, Annual Averages, (71-529).*

Note: See notes, Table 5.15.

Table 5.17 Experienced Labour Force, Percent Women by Occupation, Ontario, Census Years, 1971 and 1981

	Percent Women		Percent Women
Managerial, Administrative & Related		Forestry & Logging	
1981	26.0	1981	12.1
1971	16.2	1971	5.2
Natural Sciences, Engineering, & Mathematics		Mining & Quarrying Including Oil & Gas Field	
1981	13.6	1981	1.9
1971	7.3	1971	0.8
Social Sciences & Related		Processing	
1981	53.5	1981	21.7
1971	39.0	1971	19.3
Religion		Machining & Related	
1981	16.2	1981	9.8
1971	10.9	1971	7.8
Teaching & Related		Product Fabricating, Assembling & Repairing	
1981	58.8	1981	26.0
1971	59.4	1971	24.3
Medicine & Health		Construction Trades	
1981	79.0	1981	2.0
1971	75.4	1971	1.0
Artistic, Literary, Recreational & Related		Transport Equipment Operating	
1981	40.8	1981	8.3
1971	28.9	1971	3.3
Clerical & Related		Materials Handling & Related, n.e.c.	
1981	77.3	1981	28.0
1971	70.1	1971	25.9
Sales		Other Crafts & Equipment Operating	
1981	43.3	1981	22.2
1971	32.1	1971	13.8
Service		Occupations Not Elsewhere Classified	
1981	52.0	1981	20.7
1971	46.5	1971	15.2
Farming, Horticultural & Animal Husbandry		Occupation Not Stated	
1981	26.0	1981	42.8
1971	22.9	1971	43.7
Fishing, Hunting, Trapping & Related		All Occupations	
1981	12.2	1981	41.9
1971	8.0	1971	35.9

Source: Statistics Canada, *1981 Census of Canada, Labour Force – Occupation Trends, (92-920).*

Note: See Table 6.20, notes 1 and 2.

Table 5.18 Women in the Labour Force by Highest Level of Schooling and Age, Ontario, 1981

	15 – 24	25 – 44	45 – 64	65 & Over	Total
			percent		
Less Than Grade 9	1.8	8.1	21.4	29.0	9.9
Grades 9 – 13 Without Certificate or Diploma	32.2	21.9	29.5	26.2	26.6
Grades 9 – 13 With Certificate or Diploma	24.6	16.2	12.2	10.1	17.4
Trade Certificate or Diploma	4.8	8.0	8.0	6.5	7.1
Some University or Other Non-University Without Certificate or Diploma	18.5	10.9	9.3	10.6	12.5
Some University or Other Non-University With Certificate or Diploma	12.4	20.3	14.2	11.8	16.6
University Degree	5.6	14.6	5.4	5.8	9.8
Total	100.0	100.0	100.0	100.0	100.0
			'000's		
Total Women	507.4	890.6	451.0	29.3	1,878.3

Source: Statistics Canada, *1981 Census of Canada, Labour Force Activity*, (92-915).

Note: See Table 6.24.

Table 5.19 Population by Income and Sex, Ontario, 1981

	Women	% of Total	Men	% of Total
	'000's		'000's	
Under $1,000	277.6	10.2	135.0	4.4
1,000 - 1,999	198.7	7.3	107.6	3.5
2,000 - 2,999	185.6	6.8	92.7	3.0
3,000 - 3,999	167.9	6.1	84.3	2.8
4,000 - 5,999	446.5	16.3	228.3	7.5
6,000 - 7,999	268.6	9.8	173.6	5.7
8,000 - 9,999	231.4	8.5	164.1	5.4
10,000 – 14,999	506.8	18.6	445.3	14.6
15,000 & Over	448.4	16.4	1,611.6	53.0
Total	2,731.6	100.0	3,042.4	100.0
	$		$	
Average Income	8,635	...	17,517	...
Median Income	6,621	...	15,840	...

Source: Statistics Canada, *1981 Census of Canada, Population, Private Households, Census Families in Private Households*, (93-954).

Notes: 1. Includes only persons 15 years of age and over with income.
2. 1980 Income Groups are shown.
3. Income is defined as money income from any of the following sources: wages and salaries, net income from non-farm and farm self-employment, old age pensions, family allowances, unemployment insurance benefits, other government payments, investment income, retirement pensions and other money income. For more detail, see notes, Table 7.14.

Table 5.20 Average Employment Income by Occupation and Sex, Ontario, 1981

	Average Income		Women's Income % of Men's
	Women	Men	
	dollars		
Managerial, Administrative & Related	15,451	28,901	53.5
Natural Sciences, Engineering & Mathematics	13,649	22,023	62.0
Social Sciences & Related	10,626	25,121	42.3
Religion	7,986	12,435	64.2
Teaching & Related	14,283	24,671	57.9
Medicine & Health	11,744	34,427	34.1
Artistic, Literary, Recreational & Related	8,555	14,330	59.7
Clerical & Related	8,816	13,341	66.1
Sales	6,473	16,411	39.4
Service	4,880	11,578	42.1
Farming, Horticultural & Animal Husbandry	4,310	8,424	51.2
Fishing, Trapping & Related	...	11,210	...
Forestry & Logging	3,149	14,063	22.4
Mining & Quarrying Including Oil & Gas Field	10,395	18,496	56.2
Processing	8,050	15,899	50.6
Machining & Related	8,699	16,673	52.2
Product Fabricating, Assembling & Repairing	8,229	15,752	52.2
Construction Trades	9,909	15,263	64.9
Transport Equipment Operating	6,562	16,383	40.1
Material Handling & Related	7,341	13,112	56.0
Other Crafts & Equipment Operating	8,441	18,488	45.7
Occupations Not Elsewhere Classified	7,071	10,875	65.0
All Occupations	8,815	17,319	50.9

Source: Statistics Canada, *1981 Census of Canada, Population, Worked in 1980 – Employment Income by Occupation*, (92-930).

Note: Includes persons 15 years of age and over who had income in 1980 from either full or part-time employment.

Table 5.21 Average Income by Age, Marital Status and Sex, Ontario, 1981

	Women	Men	Women's Income % of Men's
	dollars		
15 – 19	2,419	3,078	78.6
20 – 24	6,950	9,782	71.0
25 – 34	10,236	18,304	55.9
35 – 44	10,472	23,523	44.5
45 – 54	10,226	23,999	42.6
55 – 64	8,998	21,313	42.2
65 & Over	7,748	12,833	60.4
All Age Groups	8,635	17,517	49.3
Single	7,331	8,807	83.2
Married	8,841	20,899	42.3
Widowed	9,122	12,640	72.2
Divorced	11,782	17,274	68.2

Source: Statistics Canada, *1981 Census of Canada, Population, Private Households, Census Families in Private Households*, (93-954).

Note: Married includes persons who are separated from their spouse.

Table 5.22 Single Parent Families by Sex of Parent and Family Income, Ontario, 1970 and 1980

Year	Without Income	Under $2,000	2,000 - 4,999	5,000 - 6,999	7,000 - 9,999	10,000 - 14,999
			number			
1980						
Female	570	21,145	21,595	24,780	24,705	36,695
Male	125	1,270	1,520	1,660	2,570	5,065
1970						
Female	835	13,520	15,390	14,960	19,395	26,415
Male	120	1,145	1,865	1,565	2,630	6,150

Table 5.22 (cont'd.)

Year	15,000 - 24,999	25,000 - 34,999	35,000 & Over	Total With Income	Average Income
		number			$
1980					
Female	46,695	19,700	11,695	207,005	14,219
Male	14,010	8,840	7,580	42,510	24,206
1970					
Female	27,350	8,810	4,815	130,660	12,649
Male	12,585	4,500	2,960	33,400	19,309

Source: Statistics Canada, *1981 Census of Canada, Census Families in Private Households*, (92-936).

Notes: 1. Based on 20% data.
2. Family Income has been measured in constant (1980) dollars.

Table 5.23 Employed Labour Force, Percent Women by Type of Worker, Ontario, Selected Years, 1966 to 1983

Year	Paid Workers	Own Account Workers	Employers	Total	Unpaid Family Workers	Total
			percent women			
1983	43.7	41.6	20.5	34.3	76.7	43.2
1982	43.2	40.2	19.8	33.0	78.1	42.7
1981	42.1	40.3	18.8	33.6	78.4	41.8
1980	41.7	38.9	20.0	33.1	80.0	41.4
1979	40.8	39.4	16.7	31.9	77.3	40.4
1978	39.9	37.6	16.8	30.6	80.5	39.6
1977	39.4	36.6	15.7	29.1	78.4	38.9
1976	39.1	32.7	12.5	25.5	82.4	38.5
1975	38.6	32.5	14.6	26.0	79.4	38.0
1974	37.7	17.0	11.3	14.2	66.7	36.2
1973	37.3	13.0	8.6	10.9	70.7	35.6
1972	36.6	14.0	10.4	12.1	71.8	35.0
1971	36.2	14.2	9.3	11.8	66.0	34.6
1966	33.1	12.9	8.0	10.6	67.4	31.5

Sources: Statistics Canada, *Labour Force Annual Averages*, (71-529).
Special tabulations.

Notes: 1. See notes, Table 12.4.
2. See Table 5.15, note 2.

Table 5.24 Women in the Employed Labour Force by Type of Worker, Ontario, Selected Years, 1966 to 1983

Year	Paid Workers	Own Account Workers	Employers	Unpaid Family Workers	Total	
			percent			'000's
1983	92.1	5.2	1.4	1.3	100.0	1,768
1982	92.3	5.0	1.3	1.4	100.0	1,735
1981	92.0	5.2	1.1	1.7	100.0	1,744
1980	91.9	5.3	1.2	1.7	100.0	1,676
1979	91.4	5.4	1.1	2.1	100.0	1,615
1978	91.4	5.3	1.2	2.2	100.0	1,517
1977	92.0	4.8	1.2	2.0	100.0	1,444
1976	93.2	4.0	0.9	2.0	100.0	1,403
1975	93.0	4.0	1.0	2.0	100.0	1,360
1974	94.6	1.9	1.2	2.2	100.0	1,247
1973	95.0	1.5	0.9	2.5	100.0	1,176
1972	94.6	1.6	1.3	2.5	100.0	1,109
1971	94.1	1.8	1.1	2.9	100.0	1,053
1966	93.0	2.2	1.2	3.7	100.0	837

Sources: Statistics Canada, *Labour Force Annual Averages*, (71-529)
Special tabulations.

Notes: 1. See notes, Table 12.4.
2. See Table 5.15, note 2.

Table 5.25 Full-Time and Part-Time Employment of Women, Ontario, Selected Years, 1966 to 1983

Year	Full-time	Part-time	Total		Full-time Women % of Total Full-time	Part-time Women % of Total Part-time
		percent		'000's		
1983	73.7	26.3	100.0	1,768	37.9	71.0
1982	74.2	25.8	100.0	1,735	37.4	71.7
1981	75.1	24.9	100.0	1,744	36.7	71.7
1980	75.4	24.6	100.0	1,676	36.2	72.7
1979	75.5	24.5	100.0	1,615	35.4	71.8
1978	76.4	23.6	100.0	1,517	34.8	71.3
1977	76.4	23.5	100.0	1,444	34.1	71.6
1976	77.6	22.4	100.0	1,403	34.0	70.9
1975	78.1	21.9	100.0	1,360	33.8	69.3
1974	76.1	24.0	100.0	1,247	31.3	72.4
1973	76.4	23.6	100.0	1,176	30.8	71.8
1972	76.2	23.8	100.0	1,109	30.3	70.2
1971	75.9	24.1	100.0	1,053	29.8	70.2
1966	78.7	21.3	100.0	837	27.3	73.0

Sources: Statistics Canada, *Labour Force Annual Averages*, (71-529)
Historical Labour Force Statistics, (71-201)
Special tabulations.

Notes: 1. See notes, Table 12.5.
2. See Table 5.23, note 2.

Table 5.26 Women Members of Labour Organizations, Ontario and Other Regions of Canada, 1974 to 1981

Year	Membership: Women	Membership: Total	Women % of Total
	'000's		
1981			
Ontario	331.2	1,123.2	29.5
Atlantic	61.3	248.3	24.7
Quebec	303.9	880.2	34.5
West	283.4	908.4	31.2
Canada	979.9	3,160.1	31.0
Ontario % of Canada	33.8	35.5	...
Ontario			
1980	314.1	1,109.8	28.3
1979	306.8	1,116.4	27.5
1978	288.0	1,076.4	26.8
1977	275.8	1,057.4	26.1
1976	240.7	1,017.3	23.7
1975	231.7	1,011.7	22.9
1974	217.3	985.5	22.1

Source: Statistics Canada, *Corporations and Labour Unions Returns Act, (71-202).*

Note: Data come from labour organizations that filed returns under The Corporations and Labour Unions Returns Act. The legislation applies to every labour union in Canada having a local in Canada and 100 or more members resident in Canada.

Table 5.27 Women Members of Labour Organizations by Type of Organization, Ontario, 1974 to 1981

Year	International Unions: Women	International Unions: % of Total	National Unions: Women	National Unions: % of Total	Government Employees' Organizations: Women	Government Employees' Organizations: % of Total
	#		#		#	
1981	134,337	20.5	122,749	44.0	74,138	39.4
1980	135,994	20.0	107,365	43.3	70,758	39.3
1979	138,152	19.5	99,528	43.1	69,162	38.8
1978	126,838	18.5	92,878	43.0	68,301	39.1
1977	123,807	18.2	91,550	42.6	60,451	37.6
1976	120,838	17.8	63,599	35.5	56,254	35.6
1975	117,600	17.2	59,909	34.5	54,213	35.0
1974	114,175	16.9	50,334	31.6	52,752	35.3

Source: Statistics Canada, *Corporations and Labour Unions Returns Act, (71-202).*

Note: See note, Table 5.26.

Table 5.28 Provincial Government Civil Servants by Sex and Salary, Ontario, 1976 to 1983

Year	Under $10,000	10,000 – 14,999	15,000 – 19,999	20,000 – 24,999	25,000 – 29,999	30,000 & Over	Total	% of Total	Average Salary
				percent			#		$
1983									
Women	..	4.4	61.8	16.9	10.1	6.8	28,900	41.8	20,422
Men	..	1.0	21.2	26.3	24.5	27.0	40,212	58.2	26,955
1982									
Women	0.6	25.3	51.4	13.5	5.3	4.0	28,563	41.5	18,003
Men	0.1	3.0	30.2	27.9	17.8	21.0	40,291	58.5	24,455
1981									
Women	0.8	54.5	27.8	11.6	3.0	2.4	28,604	41.2	16,118
Men	0.2	10.3	34.9	29.4	11.5	13.7	40,884	58.8	22,389
1980									
Women	3.3	69.5	15.1	8.6	2.2	1.3	28,362	40.8	14,461
Men	0.4	26.0	31.5	23.9	9.3	9.0	41,086	59.2	20,058
1979									
Women	11.2	66.8	16.0	3.9	1.2	0.9	27,838	40.0	13,167
Men	1.0	32.7	33.0	19.7	6.8	6.8	41,796	60.0	18,446
1978									
Women	21.9	58.6	14.4	3.3	0.9	0.8	27,211	39.3	12,575
Men	1.6	37.3	36.0	13.2	5.7	6.1	42,085	60.7	17,828
1977									
Women	25.9	59.4	11.6	1.9	0.6	0.6	26,525	38.7	12,114
Men	2.6	44.7	34.0	10.2	4.3	4.2	41,956	61.3	16,764
1976									
Women	63.5	30.7	4.2	0.9	0.4	0.2	25,903	38.0	10,136
Men	15.3	49.9	22.7	6.9	3.2	2.0	42,322	62.0	14,406

Sources: Ontario Civil Service Commission, *Annual Report*.
Ontario Women's Directorate, Women Crown Employees Office, *Annual Report*.

Notes:
1. Data are as of March 31.
2. For 1983, the data in salary group 10,000 – 14,999 represent all employees earning less than $15,000 per annum.
3. Figures represent classified staff only, with the exception of OPP uniformed staff, security guards, and environment plant operators where both classified and unclassified employees have been included.
4. Includes staff in the Office of the Lieutenant-Governor.
5. Does not include staff in the Legislative Assembly and the Office of the Ombudsman.
6. Staff in the Office of the Provincial Auditor were no longer counted as civil servants after 1978.
7. Includes staff on L.T.I.P. (Long Term Income Protection).

Table 5.29 **Provincial Government Civil Service, Percent Women, by Occupational Module or Category, Ontario, 1975 to 1983**

Year	Administrative		Clerical		Operational		Technical	
	Module	Category	Module	Category	Module	Category	Module	Category
				percent women				
1983	29.3	27.2	78.5	80.7	15.7	41.9	2.9	14.0
1982	27.3	25.4	78.2	80.3	14.7	42.2	2.6	13.8
1981	24.3	23.9	78.3	79.5	14.6	41.1	2.6	13.4
1980	23.0	24.3	70.8	79.9	13.5	40.5	2.1	14.1
1979	19.3	23.1	69.7	78.4	14.5	39.8	1.0	14.5
1978	17.9	21.1	68.5	77.7	14.4	39.1	0.8	14.4
1977	16.8	19.9	66.5	77.3	14.4	38.9	0.8	13.8
1976	15.2	17.8	63.6	76.2	14.4	38.1	0.7	13.6
1975	15.9	16.0	62.7	74.3	14.3	28.5	0.8	14.2

Table 5.29 (cont'd.)

Year	Module		Category					
	Executive Compensation Plan	Professional	Law Enforcement	Institutional Care	Correctional	Maintenance	Office Services	Scientific Professional
				percent women				
1983	8.2	19.8	2.4	65.4	15.2	3.5	95.5	57.6
1982	7.3	19.2	2.3	65.3	15.0	3.8	95.6	58.0
1981	6.3	18.6	2.1	64.8	14.5	3.7	95.6	57.5
1980	5.6	17.4	1.9	64.0	13.9	3.1	95.7	63.1
1979	4.3	17.2	1.9	46.4	..	2.9	95.4	62.0
1978	4.1	17.0	1.7	45.8	..	2.6	95.6	61.8
1977	4.7	16.2	3.1	45.9	..	2.5	95.8	62.1
1976	..	15.6	..	45.1	..	2.4	95.6	60.8
1975	..	15.4	..	44.6	..	2.3	95.6	60.9

Source: Ontario Women's Directorate, Women Crown Employees Office, *Annual Reports*.

Notes:
1. See Table 5.28, note 1.
2. No data available for 1977 Senior Compensation Plan.
3. Not shown are a small percentage of unknown categories.
4. Prior to 1980, Correctional Category is included with Institutional Care.

Table 5.30 **Mental and Psychiatric Hospitals, Separations by Age, Sex and Marital Status, Ontario, 1981/82**

	Single	Married	Widowed & Divorced	Not Stated	Total
			number		
15 - 19					
Female	436	20	-	-	456
Male	812	15	-	-	827
20 - 44					
Female	1,764	1,766	473	11	4,014
Male	4,691	2,001	517	23	7,232
45 - 64					
Female	323	1,210	549	5	2,087
Male	645	1,205	354	12	2,216
65 & Over					
Female	161	323	549	4	1,037
Male	171	433	201	3	808
Total					
Female	2,684	3,319	1,571	20	7,594
Male	6,319	3,654	1,072	38	11,083

Source: Statistics Canada, *Mental Health Statistics, Mental and Psychiatric Hospitals, 1980/81, 1981/82, (83-204).*

Notes:
1. Data are for fiscal year ending March 31, 1982.
2. Separation is the discharge or death of an inpatient.

Table 5.31 Mental and Psychiatric Hospitals, Separations by Diagnostic Class and Sex, Ontario, 1981/82

	Female		Male	
	#	%	#	%
Organic Psychotic Conditions				
Senile & Presenile Organic Psycotic Conditions	218	2.8	206	1.9
Alcoholic Psychoses	56	0.7	186	1.7
Drug Psychoses	59	0.8	137	1.2
Other Organic Psychotic Conditions	142	1.9	135	1.2
Total	475	6.2	664	6.0
Other Psychoses				
Schizophrenic Psychoses	1,851	24.2	3,380	30.4
Affective Psychoses	1,324	17.3	1,029	9.2
Paranoid States	159	2.1	167	1.5
Other Nonorganic Psychoses	204	2.7	251	2.3
Total	3,538	46.2	4,827	43.4
Nonpsychotic Mental Disorders				
Neurotic Disorders	915	12.0	604	5.4
Personality Disorders	879	11.5	1,462	13.1
Sexual Deviations & Disorders	4	0.1	29	0.3
Alcoholic Dependence Syndrome	496	6.5	1,960	17.6
Drug Dependence	83	1.1	152	1.4
Nondependent Abuse of Drugs	54	0.7	92	0.8
Acute Reaction to Stress	279	3.6	301	2.7
Other Nonpsychotic Mental Disorders	669	8.7	709	6.4
Total	3,379	44.2	5,309	47.7
Mental Retardation	217	2.8	278	2.5
Other or Not Stated	43	0.6	55	0.5
All Diagnoses	7,652	100.0	11,133	100.0

Source: Statistics Canada, *Mental Health Statistics, Mental and Psychiatric Hospitals, 1980/81, 1981/82, (83-204).*

Note: See notes, Table 5.30.

Table 5.32 Adult Alcohol and Drug Use by Sex, Ontario, Selected Years, 1976 to 1982

Year	Sleeping Pills	Stimulants	Tran-quilizers	Marijuana	Alcohol
			percent of respondents		
1982					
Female	8.9	3.4	10.6	4.3	72.5
Male	4.9	3.3	6.8	12.6	80.4
Total	6.8	3.3	8.6	8.8	76.4
1977					
Female	10.1	1.8	17.3	5.8	76.5
Male	6.9	1.6	9.4	11.6	87.1
Total	8.5	1.7	13.2	8.6	82.1
1976					
Female	11.1	0.6	19.3	2.3	75.2
Male	8.1	0.8	8.2	8.2	85.7
Total	8.6	0.7	13.7	5.8	80.5

Source: Addiction Research Foundation, *Statistics on Alcohol and Drug Use in Canada and Other Countries, 1982.*

Note: Data based on Gallup household surveys with sample sizes of 1,545 in 1976, 1,772 in 1977 and 1,040 in 1982. Users are defined as anyone who has used alcohol or the drugs within the previous twelve months, with the exception that for alcohol use in 1982, users are defined as anyone who has ever used alcohol. Number of users based on self-reporting is likely to be an underestimate. These figures provide a general view of the minimum level of use.

Table 5.33 **Five Leading Causes of Death of Females Compared to Males by Age Group, Ontario, 1982**

	Females		Males	
	#	Rate	#	Rate
Under 1 Year				
Congenital Anomalies	129	212.4	158	246.4
Other Conditions Originating in the Perinatal Period	124	204.2	172	268.2
Intrauterine Hypoxia, Birth Asphyxia & Respiratory Distress Syndrome	52	85.6	112	174.6
Accidents & Adverse Effects	8	13.2	14	21.8
Diseases of the Heart	6	9.9	2	3.1
1 - 4				
Accidents	18	7.7	48	19.7
Congenital Anomalies	15	6.5	18	7.4
Cancer	14	6.0	15	6.2
Violent Deaths	3	1.3	4	1.6
Bronchitis, Emphysema & Asthma	2	0.9	1	0.4
5 - 19				
Accidents	96	9.5	323	30.5
Cancer	36	3.6	65	6.1
Diseases of the Heart	11	1.1	13	1.2
Suicide	11	1.1	74	7.0
Violent Deaths	10	1.0	18	1.7
20 - 44				
Cancer	447	26.1	335	19.9
Accidents	200	11.7	723	42.9
Suicide	132	7.7	387	23.0
Diseases of the Heart	86	5.0	335	19.9
Cerebrovascular Diseases	47	2.7	47	2.8
45 - 64				
Cancer	2,310	257.5	2,600	299.4
Diseases of the Heart	992	110.6	3,342	384.9
Cerebrovascular Diseases	253	28.2	307	35.4
Accidents	172	19.2	378	43.5
Chronic Liver Disease & Cirrhosis of Liver	117	13.0	328	37.8
65 & Over				
Diseases of the Heart	9,124	1,749.6	8,938	2,408.5
Cancer	4,263	817.4	5,334	1,437.3
Cerebrovascular Diseases	2,887	553.6	1,864	502.3
Pneumonia	844	161.8	787	212.1
Accidents	523	100.3	428	115.3
All Ages				
Diseases of the Heart	10,220	230.9	12,634	294.6
Cancer	7,071	159.7	8,349	194.7
Cerebrovascular Diseases	3,190	72.1	2,226	51.9
Accidents	1,017	23.0	1,914	44.6
Pneumonia	946	21.4	924	21.5

Source: Office of the Registrar General, *Ontario Vital Statistics, 1982.*

Notes: 1. These are the leading causes of death for women but not necessarily for men.
2. Rates for deaths under 1 year are per 100,000 live births. All other rates are per 100,000 population.

Table 5.34 **Deaths of Women from Cancer and Heart Disease, Ontario and Canada, Selected Years, 1966 to 1982**

Year	Deaths of Women from Cancer				Deaths of Women from Heart Disease			
	Ontario		Canada		Ontario		Canada	
	#	%	#	%	#	%	#	%
1982	7,071	45.9	18,515	44.1	10,219	44.7	25,532	43.0
1981	6,850	45.8	17,974	44.5	9,848	44.2	24,756	42.4
1980	6,528	45.6	17,398	44.0	10,006	43.8	25,086	42.4
1979	6,453	45.9	17,076	44.3	9,635	43.3	24,076	41.6
1978	6,134	45.4	16,293	44.0	9,694	43.2	24,255	41.5
1977	5,969	45.3	15,794	44.0	9,756	42.3	24,087	40.7
1976	5,657	44.9	15,232	43.9	9,486	42.1	23,792	40.5
1975	5,582	45.3	14,908	44.0	9,462	42.4	23,408	40.6
1974	5,624	46.2	15,036	44.7	9,565	42.2	23,920	40.6
1973	5,415	45.5	14,631	44.4	9,406	42.2	23,136	40.5
1972	5,352	46.0	14,330	44.6	9,093	41.4	22,594	39.9
1971	4,893	44.8	13,610	44.0	8,878	41.4	22,033	39.8
1966	4,259	44.8	11,852	44.1	8,499	40.1	21,313	39.2

Source: Statistics Canada, *Vital Statistics, Causes of Death*, (84-203).

Note: Percentages represent the proportion female of all cancer or heart disease deaths.

Table 5.35 **Therapeutic Abortions, Ontario and Other Regions of Canada, 1970 to 1982**

Year	Abortions Performed	Therapeutic Abortion Rate
	#	
1982		
Ontario	31,379	25.1
Atlantic	2,347	6.9
Quebec	9,698	10.7
West	22,895	18.5
Canada	66,319	17.8
Ontario % of Canada	47.3	. . .
Ontario		
1981	30,592	25.0
1980	31,131	25.2
1979	30,871	25.4
1978	29,374	24.3
1977	27,852	22.7
1976	26,862	21.9
1975	24,983	19.9
1974	24,844	20.0
1973	22,661	18.3
1972	20,314	16.2
1971	16,244	12.5
1970	5,657	4.2

Sources: Statistics Canada, *Therapeutic Abortions*, (82-211).
Basic Facts on Therapeutic Abortions, Canada, (82-215).
Vital Statistics, Vol. I, Births cnd Deaths, (84-204).

Note: The therapeutic abortion rate is defined as the number of therapeutic abortions per 100 live births.

Table 5.36 Selected Demographic and Medical Characteristics of Women Obtaining Therapeutic Abortions, Ontario, 1982

	Distribution
	%
Age Group	
Under 20	28
20 – 24	32
25 – 29	20
30 – 34	12
35 – 39	6
40 – 44	2
45 & Over	—
Total	100
Marital Status	
Single	65
Married	25
Other & Unknown	11
Total	100
Gestation	
Under 9 Weeks	21
9 – 12 Weeks	66
13 Weeks & Over	13
Total	100
Previous Deliveries	
None	60
1	16
2	14
3 or More	6
Unknown	5
Total	100
Previous Induced Abortions	
None	80
1	13
More than 1	2
Unknown	5
Total	100

Source: Statistics Canada, *Basic Facts on Therapeutic Abortions, Canada*, (82-215).

Notes: 1. Information about the selected demographic and medical characteristics of Canadian women obtaining therapeutic abortions was available for 99.3% of the therapeutic abortion cases for Canadian residents in 1982.

2. Previous Induced Abortions is defined as the number of previous abortions, whether induced medically or otherwise.

Table 5.37 Mothers Receiving Family Benefits by Case Classification, Ontario, 1976 to 1982

Year	Widowed	Deserted	Divorced	Unwed	Separated	Other	Total	% of All FBA Cases
				number				
1982	3,384	19,399	8,054	17,820	1,825	721	51,203	42.0
1981	3,606	20,222	7,488	16,947	1,128	685	50,076	42.0
1980	3,826	20,198	7,061	16,182	399	735	48,401	41.9
1979	4,173	20,590	6,741	15,634	..	792	47,930	43.1
1978	4,511	21,388	6,354	15,618	..	831	48,702	43.3
1977	4,726	20,713	5,908	14,277	..	812	46,436	42.6
1976	4,895	18,781	5,143	12,057	..	719	41,595	40.8

Source: Ministry of Community and Social Services, *Statistical Supplement*.

Notes: 1. Caseload as of March.

2. Other includes those women whose husbands are in penal and other institutions, common law wives, etc.

3. Family Benefits caseload includes recipients of both Family Benefits Allowance and Guaranteed Annual Income for the Disabled (GAINS-D).

Table 5.38 Mothers Receiving Family Benefits by Case Classification and Family Size, Ontario, 1982

	Family Size				
	2	3	4	5 & Over	Total
			number		
Widowed	1,797	921	440	226	3,384
Deserted	7,190	7,439	3,391	1,379	19,399
Divorced	3,339	2,977	1,261	477	8,054
Unwed	12,629	3,754	1,067	370	17,820
Separated	713	739	274	99	1,825
Other	470	161	59	31	721
Total	26,138	15,991	6,492	2,582	51,203
% of All FBA Mothers	51.0	31.2	12.7	5.0	100.0

Source: Ministry of Community and Social Services, *Statistical Supplement*.

Note: See Table 5.37, notes 1 and 2.

Table 5.39 Labour Force and Participation Rates, Women With Children by Age of Youngest Child, Ontario, 1975 to 1983

Year	Age of Youngest Child							
	Under 3		3 – 5		6 – 15		Total	
	%	'000's	%	'000's	%	'000's	%	'000's
1983	53.0	172.0	61.5	123.0	68.7	391.0	62.7	686.0
1982	51.6	165.0	59.8	120.0	67.5	389.0	61.4	674.0
1981	49.5	158.0	58.3	116.0	67.1	392.0	60.4	666.0
1980	47.9	147.0	56.2	123.0	64.2	383.0	58.2	653.0
1979	45.2	146.0	54.6	115.0	61.8	377.0	55.8	638.0
1978	43.4	138.0	51.2	113.0	60.5	366.0	53.9	617.0
1977	39.0	126.0	47.4	101.0	57.9	346.0	50.6	573.0
1976	41.0	115.0	46.4	108.0	55.9	326.0	48.7	549.0
1975	36.6	116.0	46.2	104.0	55.0	318.0	48.0	538.0

Source: Statistics Canada, Labour Force Survey Division, unpublished data.

Table 5.40 Day Nurseries, Capacity and Enrolment, Ontario, 1979 to 1983

Year	Facilities	Capacity	Enrolment			Ontario Child Population (0 – 9 Years)	% Child Population Enrolled
			Handicapped	Other	Total		
			number			'000's	
1983	1,943	70,599	2,890	80,553	83,443	1,207.0^{p}	6.9
1982	1,877	68,955	2,876	78,892	81,768	1,206.7^{p}	6.8
1981	1,750	64,880	2,950	73,370	76,320	1,210.3	6.3
1980	1,625	60,346	2,424	67,094	69,518	1,228.8	5.7
1979	1,509	55,998	1,931	61,859	63,790	1,243.8	5.1

Sources: Statistics Canada, *Daily, April 21, May 6 and September 19, 1983, (11-001).*
Ministry of Community and Social Services, *Day Nurseries Information Systems, (DNIS).*

Notes: 1. Facility, capacity and enrolment figures are as of December 31.
2. See Table 30.16, notes 1 and 2.
3. See note, Table 5.1.

Table 5.41 Day Nurseries, Enrolment by Age Group, Ontario, 1979 to 1983

Year	1 – 18 Months	18 – 30 Months	30 – 36 Months	4 Years	5 Years	6 – 9 Years	10 Years & Over	Total
				number				
1983	1,269	3,878	47,866	16,604	7,107	6,451	268	83,443
1982	1,226	3,447	48,665	15,109	6,853	6,229	239	81,768
1981	1,134	3,117	43,747	15,721	6,829	5,594	178	76,320
1980	929	2,714	41,827	13,517	5,760	4,606	165	69,518
1979	950	2,117	45,284	7,119	4,988	3,218	114	63,790

Source: Ministry of Community and Social Services, *Day Nurseries Information Systems, (DNIS).*

Notes: 1. Data as of December 31.
2. See Table 30.16, notes 1 and 2.

Table 5.42 Residents of Homes for the Aged, Percent Female, by Age and Type of Care, Ontario, 1982

	Residential Care	Extended Care	Total in Care
		percent female	
Municipal Homes			
Under 60 Years	44.9	50.0	47.1
60 - 64	49.7	63.1	54.8
65 - 69	50.7	53.1	51.9
70 - 74	54.7	59.1	57.0
75 - 84	65.6	69.8	67.8
85 & Over	71.1	78.0	75.3
Total	63.8	70.6	67.5
Charitable Homes			
Under 60 Years	32.6	40.0	33.6
60 - 64	52.8	62.1	55.1
65 - 69	52.0	60.0	53.9
70 - 74	67.7	65.0	67.0
75 - 84	77.7	73.0	76.5
85 & Over	79.4	81.0	80.0
Total	75.2	75.9	75.4
Total	68.9	71.8	70.3

Source: Ministry of Community and Social Services, *Homes for the Aged – Annual Report of Residents.*

Note: See Table 5.28, note 1.

Table 5.43 Women Residents of Homes for the Aged by Age and Type of Care, Ontario, 1982

	Women in Care	Female Population	Women in Care % of Female Population
	#	'000's	
Municipal Homes			
Under 60 Years	137	3,706.9	—
60 – 64	266	198.3	0.1
65 – 69	560	167.2	0.3
70 – 74	1,250	134.5	0.9
75 – 84	4,607	165.6	2.8
85 & Over	4,951	54.2	9.1
Total	11,771	4,426.8	0.3
Charitable Homes			
Under 60 Years	53	3,706.9	—
60 – 64	65	198.3	—
65 – 69	173	167.2	0.1
70 – 74	517	134.5	0.4
75 – 84	2,733	165.6	1.7
85 & Over	3,218	54.2	5.9
Total	6,759	4,426.8	0.2
Total	18,530	4,426.8	0.4

Source: Ministry of Community and Social Services, *Homes for the Aged – Annual Report of Residents.*

Note: See Table 5.28, note 1.

Table 5.44 Canada Pension Plan Contributions and Contributors, Percent Female, by Employment Status, Ontario, 1970 to 1981

	Contributors				
Year	Employed	Self-employed	Mixed	Total	Contributions
			percent female		
1981	42.9	24.6	25.7	41.6	34.4
1980	41.9	23.4	23.7	40.5	33.3
1979	41.7	21.6	21.5	40.1	32.9
1978	40.7	19.7	20.1	39.1	32.3
1977	40.3	17.7	18.4	38.5	32.0
1976	40.1	16.7	17.1	38.3	31.9
1975	39.7	15.8	16.2	37.9	31.3
1974	38.9	14.8	14.4	37.0	30.0
1973	39.8	14.2	13.9	38.0	29.4
1972	39.1	13.9	13.2	37.3	28.4
1971	38.4	18.4	12.2	36.8	27.5
1970	38.1	16.7	11.9	36.4	26.7

Source: Health and Welfare Canada, *Canada Pension Plan Contributors.*

Notes: 1. See Table 30.23, notes 2 and 3.
2. See Table 30.25, note 1.

Table 5.45 Unemployment Insurance Contributions and Benefits, Ontario, 1972 to 1982

Year	Contributors	Contributions	Beneficiaries	Average Number of Weeks		Average Weekly Benefit	
				Female	Male	Female	Male
	percent female					dollars	
1982	43.9	36.7	40.6	19.4	17.9	114	145
1981	43.5	35.6	43.9	18.1	15.8	105	133
1980	42.6	34.2	42.8	17.6	15.3	97	124
1979	42.3	33.9	44.1	17.8	15.3	90	116
1978	41.7	33.6	44.7	21.0	18.2	88	113
1977	41.2	33.2	44.1	18.9	16.7	80	104
1976	40.8	32.7	45.0	17.9	15.1	73	96
1975	40.4	31.8	43.2	17.8	16.2	64	88
1974	40.1	30.3	47.0	17.5	15.0	57	79
1973	39.0	28.7	47.0	19.3	15.6	52	72
1972	38.3	27.9	42.8	23.8	19.0	46	67

Source: Statistics Canada, *Benefit Periods Established and Terminated Under the Unemployment Insurance Act, (73-201).*

Notes: 1. See Table 30.28, notes 1 and 2 re: definition of contributor and beneficiary.
2. Average Number of Weeks is calculated by dividing the total number of weeks of benefits paid by the number of terminated claims.
3. For definition of Average Weekly Benefit, see Table 30.35.

Table 5.46 Unemployment Insurance Maternity Benefits, Ontario and Other Regions of Canada, 1975 to 1982

Year	Average Monthly Beneficiaries	Weeks Paid	Average Weekly Benefit	Benefit Payment	Women in Labour Force	Beneficiaries % of Labour Force
	#	'000's	$	$ millions	'000's	
1982						
Ontario	14,931	780.2	154	120.0	1,924	0.8
Atlantic	2,812	146.0	144	21.1	361	0.8
Quebec	9,961	522.0	155	81.0	1,190	0.8
West	11,398	592.7	159	93.8	1,452	0.8
Canada	39,123	2,042.0	155	316.0	4,926	0.8
Ontario % of Canada	38.2	38.2	. . .	38.0	39.1	. . .
Ontario						
1981	14,083	729.7	141	102.8	1,882	0.7
1980	13,467	700.8	129	90.6	1,816	0.7
1979	13,173	681.8	117	79.4	1,752	0.8
1978	12,359	646.9	117	75.7	1,664	0.7
1977	11,953	617.2	107	66.3	1,580	0.8
1976	10,891	521.9	104	54.2	1,522	0.7
1975	9,153	455.1	88	40.1	1,476	0.6

Sources: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act, (73-001).*
Labour Force Annual Averages, (71-529).

Notes: 1. 1982 Canada figures include beneficiaries and payments made outside of Canada.
2. 1975 beneficiary figure covers an eight month period from May to December 1975.
3. For definition of number of weeks paid, see Table 30.34.
4. See Table 5.45, note 3.

Table 5.47 University Enrolment, Percent Women, Ontario, Selected Years, 1961/62 to 1981/82

Year	Full-time Under Graduate	Full-time Graduate	Part-time Under Graduate	Part-time Graduate
		percent women		
1981/82	46.3	36.8	60.1	39.2
1980/81	45.7	36.1	60.1	37.3
1979/80	45.1	35.2	59.6	35.8
1978/79	45.1	32.8	58.9	35.1
1977/78	44.7	31.5	58.3	33.2
1976/77	44.1	30.1	59.2	30.2
1971/72	37.3	22.3	50.8	21.1
1966/67	32.2	16.6	39.7	19.7
1961/62	26.5	13.8	..	..

Source: Statistics Canada, Education, Culture and Tourism Division.

Note: 1978/79 to 1980/81 based on revised data.

Table 5.48 Undergraduate Enrolment, Percent Women, by Field of Study, Ontario, 1978/79 to 1982/83

Year	Agricultural & Biological Science Full-time	Agricultural & Biological Science Part-time	Education Full-time	Education Part-time	Engineering & Applied Sciences Full-time	Engineering & Applied Sciences Part-time
			percent women			
1982/83p	55	67	64	66	11	11
1981/82	55	66	65	67	11	8
1980/81	54	65	65	66	10	9
1979/80	53	64	63	63	9	7
1978/79	51	61	61	64	9	6

Table 5.48 (cont'd.)

Year	Fine & Applied Arts Full-time	Fine & Applied Arts Part-time	Health Sciences Full-time	Health Sciences Part-time	Humanities Full-time	Humanities Part-time
			percent women			
1982/83p	62	72	65	90	61	73
1981/82	62	73	64	90	61	75
1980/81	61	71	62	89	60	73
1979/80	60	70	61	91	59	72
1978/79	61	74	60	91	60	71

Table 5.48 (cont'd.)

Year	Mathematics & Physical Sciences Full-time	Mathematics & Physical Sciences Part-time	Social Sciences Full-time	Social Sciences Part-time	Unclassified Full-time	Unclassified Part-time	Total Full-time	Total Part-time
				percent women				
1982/83p	29	29	48	59	52	60	47	60
1981/82	30	28	46	58	51	60	46	60
1980/81	31	28	45	59	51	47	46	60
1979/80	30	30	43	56	50	60	45	59
1978/79	29	26	42	55	51	59	45	58

Source: Statistics Canada, Education, Culture and Tourism Division.

Table 5.49 Graduate Enrolment, Percent Women, by Field of Study, Ontario, 1978/79 to 1982/83

Year	Agricultural & Biological Science		Education		Engineering & Applied Sciences	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
			percent women			
1982/83^p	35	40	63	57	10	8
1981/82	37	30	62	55	9	8
1980/81	37	25	61	52	10	8
1979/80	35	31	62	49	9	5
1978/79	32	28	56	47	8	5

Table 5.49 (cont'd.)

Year	Fine & Applied Arts		Health Sciences		Humanities	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
			percent women			
1982/83^p	54	59	34	60	50	50
1981/82	53	65	33	58	48	48
1980/81	55	57	33	57	46	48
1979/80	53	66	33	54	46	47
1978/79	54	61	30	57	43	48

Table 5.49 (cont'd.)

Year	Mathematics & Physical Sciences		Social Sciences		Unclassified		Total	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part time
				percent women				
1982/83^p	19	18	42	36	39	40	37	41
1981/82	18	18	41	33	37	40	37	39
1980/81	16	16	39	30	43	39	36	37
1979/80	14	16	37	28	28	37	35	36
1978/79	14	18	35	27	25	34	33	35

Source: Statistics Canada, Education, Culture and Tourism Division.

Table 5.50 University Degrees Awarded to Women, Ontario, Selected Years, 1972 to 1983

Year	Bachelor & First Professional	Masters	Doctorate
		percent women	
1983	51.9	40.4	25.6
1982^{p}	51.8	40.1	25.3
1981^{r}	51.6	40.0	23.5
1980	50.8	37.7	23.7
1979	50.9	35.7	19.7
1978^{r}	50.7	32.8	17.5
1977	50.0	31.3	21.0
1976	48.2	29.4	18.5
1972	37.5	23.7	9.3

Source: Statistics Canada, Education, Culture and Tourism Division.

Note: See notes, Table 31.32.

Table 5.51 Diplomas and Certificates Awarded to Women by Community Colleges and Related Institutions, Ontario, Selected Years, 1967/68 to 1981/82

Year	Women % of Total
1981/82	57.7
1980/81	59.0
1979/80	59.4
1978/79	59.3
1977/78	59.7
1976/77	61.0
1975/76	60.2
1971/72	61.3
1967/68	68.8

Source: Statistics Canada, Education, Culture and Tourism Division.

Note: For definition of Related Institutions, see Table 31.1, note 3.

Table 5.52 Adults Charged, Percent Women, by Offence Group, Ontario, 1973 to 1982

Year	Criminal Code	Federal Statutes	Provincial Statutes	Municipal By-laws	Women Charged	Women % of Total
		percent women			#	
1982	16.7	13.2	8.4	15.4	43,826	12.5
1981	16.9	11.7	8.1	18.6	45,940	12.3
1980	16.2	11.6	8.9	20.1	43,981	12.6
1979	16.2	10.7	7.4	21.6	38,586	11.9
1978	16.1	10.2	7.1	22.0	36,219	12.0
1977	15.5	10.0	6.9	20.9	32,412	11.6
1976	16.1	10.9	6.6	24.1	32,275	12.1
1975	15.6	10.2	6.8	19.4	31,045	11.0
1974	15.0	9.9	6.5	17.8	28,144	10.3
1973	14.8	10.7	6.5	17.2	26,623	10.4

Source: Statistics Canada, *Crime and Traffic Enforcement Statistics*, (85-205).

Note: See notes, Table 32.10.

Table 5.53 Persons Charged with Traffic Offences, Percent Women, Ontario, 1972 to 1981

Year	Criminal Negligence	Fail to Stop or Remain	Dangerous Driving	Fail or Refuse to Give Breath Sample	Driving While Impaired	Driving While Disqualified	Women Charged	Women % of Total
	percent women						#	
1981	2.7	11.5	12.0	7.5	6.1	5.5	8,852	8.5
1980	2.1	11.5	11.9	7.0	6.0	2.9	8,475	8.1
1979	3.3	10.7	11.3	6.1	5.3	2.4	7,990	7.6
1978	1.9	10.5	11.1	6.4	5.0	2.1	6,215	7.0
1977	7.5	9.5	10.6	3.7	4.8	2.1	5,927	6.4
1976	2.4	9.4	9.7	3.5	4.3	1.6	6,486	6.3
1975	1.8	8.8	9.4	3.2	4.1	1.4	6,317	6.2
1974	0.6	8.3	8.9	3.4	3.7	1.8	6,246	6.1
1973	0.8	6.9	8.8	3.6	3.5	1.5	5,506	5.8
1972	0.7	6.7	8.1	3.8	3.1	1.3	4,485	5.5

Source: Statistics Canada, *Crime and Traffic Enforcement Statistics*, (85-205).

Note: See notes, Table 32.11.

Table 5.54 Persons Admitted to Jails and Detention Centres, and Persons Sentenced to Imprisonment, Percent Women, by Age, Ontario, 1978/79 to 1982/83

Year	16 - 18	19 - 25	26 - 35	36 - 50	51 & Over	Unknown	Total	
	percent women							#
Admitted								
1982/83	8.7	7.8	8.5	8.7	6.5	12.5	8.2	4,196
1981/82	9.4	7.8	9.1	8.2	6.4	32.3	8.4	4,043
1980/81	8.8	7.9	8.6	7.6	5.9	25.5	8.1	3,796
1979/80	8.7	7.4	8.6	7.4	5.9	24.0	7.9	3,584
1978/79	9.0	7.3	7.0	7.4	5.0	22.0	7.5	3,330
Sentenced to Imprisonment								
1982/83	6.8	6.1	7.0	7.6	5.7	14.3	6.6	2,714
1981/82	7.3	6.1	7.7	7.2	5.4	21.4	6.8	2,450
1980/81	6.8	6.0	7.3	6.5	5.4	36.4	6.5	2,256
1979/80	5.8	5.6	7.5	5.0	4.8	12.5	6.0	2,021
1978/79	6.9	5.6	6.3	6.6	4.5	17.6	6.1	2,026

Source: Ministry of Correctional Services, *Report of the Minister, Annual*.

Note: See notes, Table 32.12.

Chapter 6
Labour Force

Labour Force

The labour force is the portion of the population fifteen years of age and over which is either employed or unemployed. Data in this chapter refer to the total of these two groups. For definitions and data covering the employed and the unemployed, see Chapter 12, Employment. Information on total population is presented in Chapter 3, Population, while statistics on women in the work force appear in Chapter 5, Women.

Sources of Data

The two main sources of labour force information are Statistics Canada's Labour Force Survey and the Census of Canada.

The monthly Labour Force Survey is the most timely source of labour market information. It provides a wide range of data on employment, unemployment and total labour force, identifying:

- age, sex and marital status;
- educational attainment;
- occupational and industry groups;
- full-time and part-time employment;
- length of employment and unemployment;
- family data.

For purposes of the Labour Force Survey, the labour force refers to the civilian non-institutional population 15 years of age and over who, during the reference week, were employed or unemployed.

The Labour Force Survey covers about 10,000 households in Ontario. The sample used is designed to represent the total working age population with the exception of persons living on Indian reserves, inmates of institutions and full-time members of the armed forces. Monthly estimates of employment, unemployment and non-labour force activity refer to the specific week covered by the survey each month, normally the week containing the 15th day.

Rotation of the Labour Force Survey sample involves complete or partial replacement of sampling units in such a way that the sample for each month is a probability sample. One-sixth of the households rotate each month in order to minimize the effect of any bias due to the number of months a household has been in the survey. The data derived from this survey are subject to sampling error. Generally, the larger the geographic or other group which the data describe, or the more evenly a given characteristic is distributed throughout the population, the smaller the sampling error in percentage terms.

Data from the Labour Force Survey are available both seasonally adjusted and unadjusted. Seasonal adjustment removes fluctuations in the series caused by regular annual occurrences such as climate, crop cycles, holidays and vacation periods. With seasonally adjusted statistics, a moving average of several months can be used to smooth irregular fluctuations which may mask underlying trends in the data.

Beginning in January 1976, substantial revisions to the survey were introduced which affect the comparability of historical data. The data have been revised for the period January 1966 to December 1977, to obtain a consistent time series linking the former and revised surveys. The results of this linkage can be found in issues of *Historical Labour Force Statistics, (71-201)*, for 1977 or later. Items not covered in this publication have not been historically revised nor has any historical revision been performed on data prior to 1966. Therefore, comparisons of Labour Force Survey data between points in time prior to 1966 and more recent statistics should be made with caution. Labour Force Survey data are generally revised following each census since labour force data from the census are used as benchmarks. Annual averages of the monthly data are published in *Labour Force Annual Averages 1975 – 1983, (71-529)*. Current data are published in *The Labour Force, (71-001)*, and are available on CANSIM. Unpublished data and custom tabulations are available by special request. For further information, contact the Labour Force Survey Division of Statistics Canada, telephone Ottawa, 990-9448.

The Census of Canada collects labour force data from a sample of households. In the 1981 Census, every fifth questionnaire asked for extensive labour force data by detailed occupation, industry and geographic area. A full census is taken every ten years while the intervening censuses provide a limited amount of labour force data.

The decennial censuses have provided figures on the working population going back to the latter part of the 19th century, but definitions and measurement procedures have not remained the same from one census to another. Since 1951, the census has used a labour force concept roughly in line with the Labour Force Survey, while in earlier censuses a Gainfully Occupied definition was used.

The census definition of labour force covers a somewhat larger population than the Labour Force Survey definition in that it refers to the population 15 years of age and over, excluding inmates, who were either employed or unemployed during the week prior to enumeration. Although the 1981 Census data on labour force activity have been designed to meet, as far as possible, the Labour Force Survey's definitions of the employed and unemployed, questions asked to define the employed and unemployed differ in the two sources.

Experienced labour force is a concept used in the census and is derived by deducting from the total labour force unemployed persons 15 years of age and over who have never worked or who had worked only prior to January 1, 1980. In some 1981 Census publications and tabulations, the universe shown by industry is the experienced, employed labour force.

The census is the main source of detailed industry and occupational data on the labour force, cross-classified by demographic and economic characteristics. About 300 different industries are covered, combined with about 500 occupations. Occupation in the 1981 Census refers to the kind of work done by an individual during the reference week, as determined by kind of work reported and a description of the most important duties of the job. If a person did not have a job at the time of enumeration, the data relate to the job of longest duration since January 1, 1980. Persons with two or more jobs report information for the job at which they worked the most hours.

1981 Census labour force data are published in a number of reports by Statistics Canada (series 92). Data are also available on CANSIM and on microfiche and magnetic tape. Custom tabulations are available by special request. For a more complete discussion of the census, see Chapter 3, Population. Further information can be obtained from the Census Division of Statistics Canada, telephone Ottawa, 990-9534.

Labour Force

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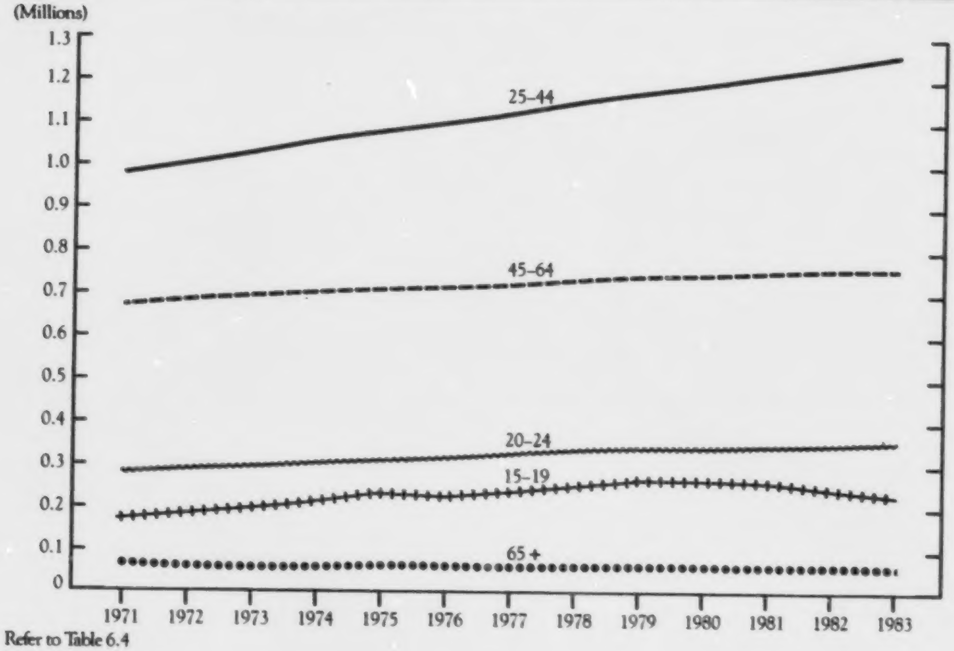
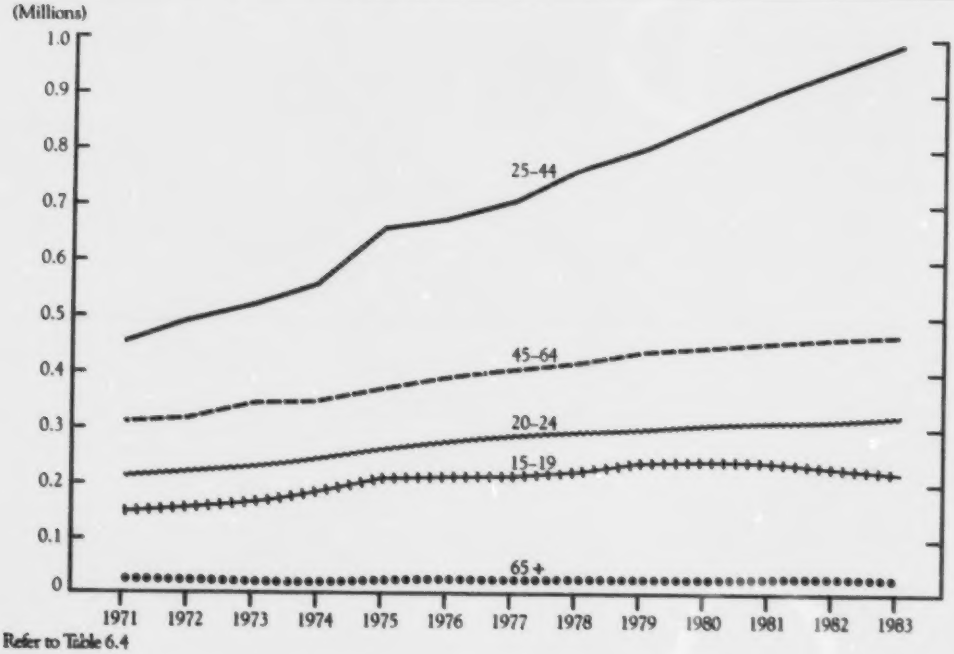
Chart 6.1 Labour Force, Male, by Age, Ontario, 1971 to 1983



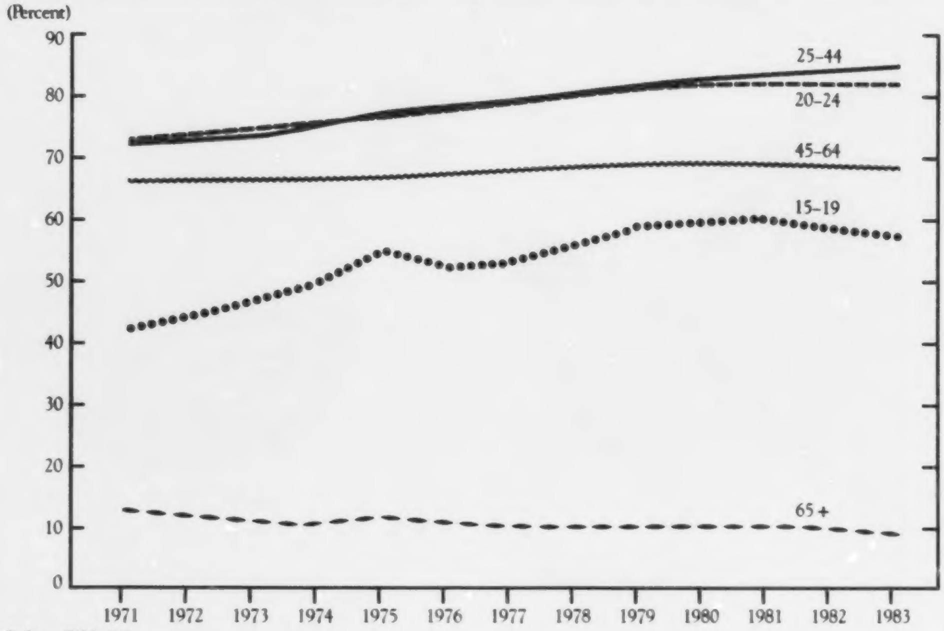
Refer to Table 6.4

Chart 6.2 Labour Force, Female, by Age, Ontario, 1971 to 1983



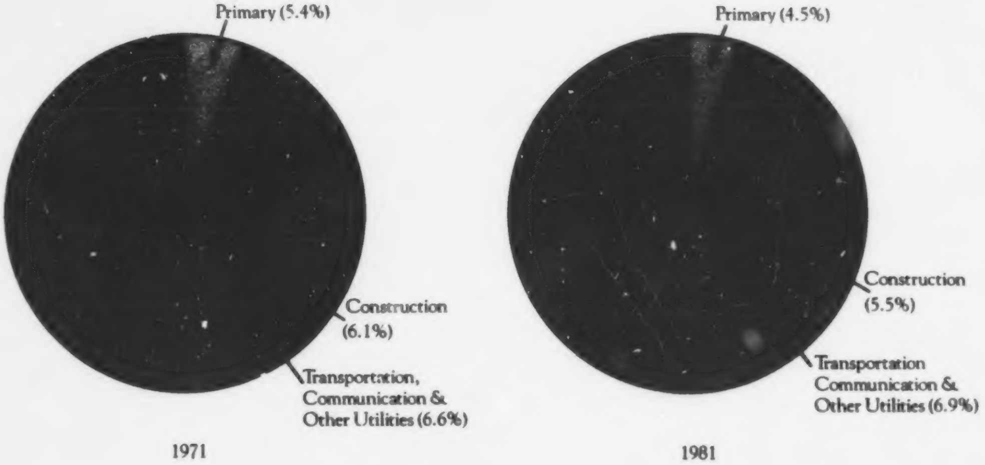
Refer to Table 6.4

Chart 6.3 Participation Rates by Age, Ontario, Annual Averages, 1971 to 1983



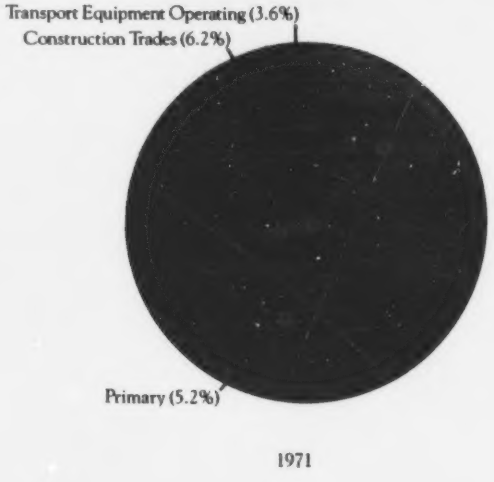
Refer to Table 6.5

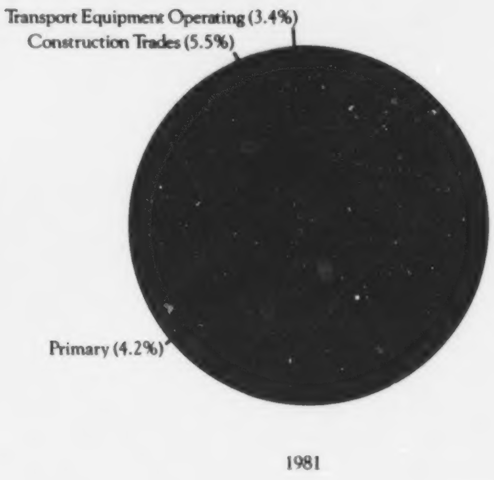
Chart 6.4 Labour Force by Major Industry Groups, Ontario, 1971 and 1981



Refer to Table 6.18

Chart 6.5 Experienced Labour Force by Occupation Groups, Ontario, 1971 and 1981





Refer to Table 6.20

Table 6.1 **Working Age Population and Labour Force, Ontario and Other Regions of Canada, Selected Years, Annual Averages, 1946 to 1983**

Year	Labour Force	Not In Labour Force	Population 15+	Participation Rate
		'000's		%
1983				
Ontario	4,570	2,236	6,805	67.1
Atlantic	928	738	1,666	55.7
Quebec	3,069	1,970	5,039	60.9
West	3,616	1,789	5,406	66.9
Canada	12,183	6,735	18,917	64.4
Ontario % of Canada	37.5	33.2	36.0	104.2
Ontario				
1982	4,508	2,195	6,703	67.3
1981	4,464	2,139	6,603	67.6
1980	4,350	2,168	6,518	66.7
1979	4,271	2,148	6,419	66.5
1978	4,133	2,183	6,316	65.4
1977	3,986	2,214	6,200	64.3
1976	3,882	2,199	6,081	63.8
1975	3,818	2,136	5,954	64.1
1974	3,686	2,129	5,815	63.4
1973	3,532	2,126	5,658	62.4
1972	3,410	2,119	5,529	61.7
1971	3,290	2,115	5,405	60.9
1966	2,787	1,873	4,660	59.8
1961	2,401	1,837	4,238	56.7
1956	2,147	1,626	3,773	56.9
1951	1,870	1,481	3,351	55.8
1946	1,702	1,350	3,052	55.8

Sources: Statistics Canada, *Labour Force Annual Averages, (71-529).*
Historical Labour Force Statistics, (71-201).

Notes: 1. Prior to 1966, data cover persons 14 years of age and over.
2. Canada data exclude Yukon and Northwest Territories. Newfoundland included from 1951 on.

Table 6.2 Persons In and Persons Not In the Labour Force by Sex, Ontario, Selected Years, Annual Averages, 1946 to 1983

Year	In the Labour Force		Not In the Labour Force	
	Male	Female	Male	Female
		'000's		
1983	2,598	1,971	709	1,527
1982	2,584	1,924	674	1,521
1981	2,582	1,882	629	1,510
1980	2,534	1,816	639	1,529
1979	2,519	1,752	609	1,539
1978	2,469	1,664	612	1,570
1977	2,406	1,580	622	1,591
1976	2,360	1,522	614	1,584
1975	2,342	1,476	573	1,563
1974	2,295	1,391	554	1,575
1973	2,225	1,307	549	1,578
1972	2,172	1,237	540	1,580
1971	2,110	1,181	543	1,571
1966	1,878	908	407	1,467
1961	1,717	684	374	1,463
1956	1,587	560	280	1,346
1951	1,426	444	229	1,252
1946	1,285	417	218	1,132

Sources: Statistics Canada, *Labour Force Annual Averages*, (71-529).
Historical Labour Force Statistics, (71-201).

Note: See Table 6.1, note 1.

Table 6.3 Labour Force by Age, Ontario and Other Regions of Canada, Selected Years, Annual Averages, 1946 to 1983

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 +	Total
				'000's		
1983						
Ontario	422	656	2,220	1,202	70	4,570
Atlantic	88	148	468	209	10	928
Quebec	235	482	1,574	736	43	3,069
West	331	553	1,795	872	64	3,616
Canada	1,076	1,840	6,057	3,020	190	12,183
Ontario % of Canada	39.2	35.7	36.7	39.8	36.8	37.5
Ontario						
1982	444	640	2,146	1,199	79	4,508
1981	477	634	2,086	1,187	81	4,464
1980	478	625	2,009	1,165	73	4,350
1979	479	614	1,942	1,161	75	4,271
1978	450	601	1,883	1,127	72	4,133
1977	426	590	1,798	1,104	69	3,986
1976	415	566	1,746	1,084	71	3,882
1975	425	550	1,707	1,058	78	3,818
1974	378	528	1,590	1,031	66	3,592
1973	347	497	1,518	1,015	69	3,445
1972	318	490	1,467	981	72	3,329
1971	296	475	1,404	963	77	3,215
1966	241	343	1,222	834	90	2,729
1961	193	263	1,128	725	91	2,401
1956	184	250	1,014	604	95	2,147
1951	179	244	841	518	89	1,870
1946	..	..	..	..	..	1,702

Sources: Statistics Canada, *Labour Force Annual Averages, (71-529).*
Special tabulations.

Notes: 1. Prior to 1966, the 15 – 19 age group was 14 – 19 years.
2. Data are unrevised for 1966 to 1975; therefore, the totals may not be the same as in Table 6.1 for this period.

Table 6.4 Labour Force by Sex and Age, Ontario, Selected Years, Annual Averages, 1946 to 1983

Year	15 - 19	20 - 24	25 - 44	45 - 64	65 +	Total
				'000's		
Male						
1983	216	345	1,244	744	50	2,598
1982	228	337	1,217	747	55	2,584
1981	249	336	1,198	743	55	2,582
1980	250	327	1,173	730	54	2,534
1979	252	328	1,154	731	54	2,519
1978	240	322	1,131	723	53	2,469
1977	225	316	1,104	710	52	2,406
1976	215	305	1,084	703	53	2,360
1975	226	298	1,062	698	58	2,342
1974	205	294	1,045	693	51	2,288
1973	190	281	1,011	683	53	2,219
1972	173	279	987	674	55	2,169
1971	157	271	963	660	58	2,109
1966	134	205	871	592	71	1,872
1961	106	165	837	536	72	1,717
1956	103	156	772	476	80	1,587
1951	..	..	..	..	..	1,426
1946	..	..	..	..	..	1,285
Female						
1983	206	311	976	457	20	1,971
1982	216	303	929	452	24	1,924
1981	227	298	888	443	25	1,882
1980	228	297	837	435	20	1,816
1979	227	287	788	429	21	1,752
1978	210	279	751	405	19	1,664
1977	201	273	695	394	17	1,580
1976	200	261	661	381	19	1,522
1975	199	251	645	361	20	1,476
1974	173	234	545	338	15	1,304
1973	157	216	507	332	15	1,226
1972	145	211	480	308	17	1,160
1971	139	204	441	303	19	1,106
1966	107	138	352	241	19	857
1961	87	98	291	190	18	684
1956	81	94	242	128	15	560
1951	..	..	..	..	..	444
1946	..	..	..	..	..	417

Sources: Statistics Canada, *Labour Force Annual Averages, (71-529).*
Special tabulations.

Note: See notes, Table 6.3.

Table 6.5 **Participation Rates by Sex and Age, Ontario, Selected Years, Annual Averages, 1946 to 1983**

Year	15 - 19	20 - 24	25 - 44	45 - 64	65 +	Total Ontario	Total Canada
				percent			
Male							
1983	57.0	85.8	95.9	85.5	13.9	78.6	76.7
1982	58.0	86.1	96.3	87.1	15.6	79.3	77.0
1981	61.6	87.5	97.2	87.9	16.0	80.4	78.4
1980	60.7	86.1	96.8	87.4	16.0	79.9	78.4
1979	61.0	86.8	97.2	88.6	16.7	80.5	78.5
1978	58.2	86.2	97.1	88.5	17.0	80.1	78.1
1977	55.0	85.9	96.6	88.2	16.9	79.5	77.7
1976	53.1	84.3	96.8	88.6	17.9	79.3	77.6
1975	57.0	84.2	96.6	89.5	20.3	80.3	78.4
1974	52.8	85.4	97.4	90.6	18.3	80.3	79.0
1973	50.5	84.4	97.2	91.1	19.5	80.0	78.5
1972	47.0	85.2	97.4	91.8	20.6	80.0	77.9
1971	44.0	83.1	97.5	91.9	22.0	79.5	77.8
1966	45.0	87.6	98.3	94.0	29.6	81.9	79.9
1961	39.1	91.2	98.7	94.2	32.4	82.1	79.8
1956	49.8	93.4	98.8	94.1	39.0	85.0	82.2
1951	..	..	..	..	..	86.2	83.9
1946	..	..	..	..	..	85.5	85.1
Female							
1983	56.9	76.9	73.0	50.5	4.2	56.4	52.6
1982	57.2	76.2	71.3	50.7	5.0	55.8	51.7
1981	58.4	75.8	70.0	50.4	5.5	55.5	51.7
1980	57.0	76.5	67.5	50.1	4.4	54.3	50.4
1979	56.6	74.1	65.2	50.0	4.8	53.2	49.0
1978	52.6	72.4	63.6	47.6	4.5	51.4	47.9
1977	50.7	71.8	60.3	47.0	4.3	49.8	46.0
1976	51.0	69.9	58.9	46.2	4.8	49.0	45.2
1975	51.7	68.9	58.8	44.5	5.3	48.6	44.4
1974	45.9	66.2	51.0	42.6	4.0	44.0	40.5
1973	42.5	63.4	49.0	42.7	4.2	42.5	39.4
1972	40.3	62.9	47.7	40.5	4.9	41.2	37.8
1971	39.7	60.8	45.2	40.8	5.5	40.2	37.1
1966	36.6	56.5	39.0	37.9	6.3	36.1	33.6
1961	32.8	50.3	33.8	33.8	6.9	31.9	28.7
1956	39.3	51.9	30.5	26.0	6.4	29.4	24.9
1951	..	..	..	..	..	26.2	23.5
1946	..	..	..	..	..	26.9	24.7

Table 6.5 (cont'd.)

Year	15 - 19	20 - 24	25 - 44	45 - 64	65 +	Total Ontario	Total Canada
				percent			
Total							
1983	57.0	81.3	84.3	67.7	8.3	67.1	64.4
1982	57.6	81.1	83.6	68.5	9.5	67.3	64.1
1981	60.0	81.6	83.4	68.8	10.0	67.6	64.8
1980	58.9	81.2	82.0	68.3	9.3	66.7	64.1
1979	58.8	80.4	81.0	68.9	9.8	66.5	63.4
1978	55.4	79.2	80.2	67.6	9.8	65.4	62.7
1977	52.9	78.8	78.4	67.2	9.7	64.3	61.6
1976	52.0	77.0	77.8	67.0	10.4	63.8	61.1
1975	54.4	76.4	77.7	66.5	11.8	64.1	61.1
1974	49.4	75.7	74.2	66.1	10.1	61.8	59.4
1973	46.5	73.8	73.2	66.5	10.7	60.9	58.7
1972	43.7	73.9	72.6	65.7	11.6	60.2	57.6
1971	41.9	71.8	71.5	65.9	12.6	59.5	57.2
1966	40.9	71.7	68.4	65.8	16.7	58.6	56.4
1961	36.0	69.9	66.0	64.0	18.8	56.7	54.1
1956	44.4	71.8	64.4	60.5	21.6	56.9	53.5
1951	..	..	..	..	..	55.8	53.7
1946	..	..	..	..	..	55.8	55.0

Sources: Statistics Canada, *Labour Force Annual Averages*, (71-529).
Special tabulations.

Note: See notes, Table 6.3.

Table 6.6 **Labour Force by Marital Status and Sex, Ontario, Selected Years, Annual Averages, 1966 to 1983**

Year	Male Married	Male Not Married	Female Married	Female Not Married	Total Married	Total Not Married
			'000's			
1983	1,783	815	1,199	772	2,982	1,588
1982	1,779	805	1,174	750	2,952	1,555
1981	1,760	821	1,142	740	2,902	1,562
1980	1,755	779	1,106	710	2,861	1,489
1979	1,759	760	1,069	683	2,828	1,443
1978	1,756	713	1,029	635	2,785	1,348
1977	1,724	683	971	610	2,694	1,292
1976	1,721	639	945	577	2,666	1,216
1975	1,718	624	923	554	2,641	1,177
1974	1,673	615	804	500	2,477	1,115
1973	1,634	585	749	477	2,383	1,063
1972	1,630	539	710	450	2,340	989
1971	1,587	522	673	434	2,259	956
1966	1,443	430	509	348	1,951	778

Sources: Statistics Canada, *Labour Force Annual Averages*, (71-529).
Special tabulations.

Notes: 1. Not Married includes single, divorced, separated and widowed.
2. See Table 6.3, note 2.

Table 6.7 **Participation Rates by Marital Status and Sex, Ontario, Selected Years, Annual Averages, 1966 to 1983**

Year	Male Married	Male Not Married	Female Married	Female Not Married	Total Married	Total Not Married
			percent			
1983	82.7	70.9	56.0	56.9	69.4	63.3
1982	84.0	70.6	55.7	56.0	69.9	62.8
1981	84.9	72.3	54.9	56.5	69.8	63.8
1980	84.7	70.7	53.5	55.6	69.1	62.6
1979	85.3	71.3	52.3	54.8	68.9	62.4
1978	85.5	69.3	50.6	52.9	68.1	60.5
1977	85.5	67.4	48.6	51.9	67.1	59.1
1976	85.8	66.0	47.5	51.6	66.7	58.3
1975	86.5	67.2	46.7	52.0	66.7	59.1
1974	87.5	65.7	41.7	48.3	64.5	56.6
1973	87.6	64.3	40.0	47.2	63.8	55.3
1972	88.0	62.6	38.4	46.4	63.3	54.0
1971	88.4	60.9	37.2	46.0	62.7	53.1
1966	90.2	62.7	31.6	45.4	60.8	53.5

Sources: Statistics Canada, *Labour Force Annual Averages, (71-529)*.
Special tabulations.

Notes: 1. See Table 6.6, note 1.
2. See Table 6.3, note 2.
3. Not Married, 1966 to 1974, derived from Statistics Canada data.

Table 6.8 Labour Force by Sex and Family Status, Ontario, Annual Averages, 1975 to 1983

Year	Family Members						
	Head	Spouse	Unmarried Children	Other Relatives	Total	Unattached Individuals	Total
				'000's			
Male							
1983	1,699	86	461	71	2,317	281	2,598
1982	1,717	65	445	71	2,298	286	2,584
1981	1,714	48	447	70	2,280	302	2,582
1980	1,724	33	435	64	2,257	277	2,534
1979	1,719	29	431	69	2,248	272	2,519
1978	1,718	25	400	67	2,210	259	2,469
1977	1,688	20	390	63	2,160	246	2,406
1976	1,686	18	373	61	2,138	222	2,360
1975	1,678	22	368	60	2,129	213	2,342
Female							
1983	215	1,100	339	62	1,715	256	1,971
1982	194	1,090	327	57	1,669	255	1,924
1981	181	1,072	317	57	1,627	255	1,882
1980	160	1,046	311	54	1,571	246	1,816
1979	150	1,010	293	55	1,508	243	1,752
1978	134	973	277	53	1,438	226	1,664
1977	128	916	263	53	1,360	220	1,580
1976	107	897	260	50	1,314	208	1,522
1975	109	871	244	45	1,269	207	1,476
Total							
1983	1,914	1,185	800	133	4,032	537	4,570
1982	1,911	1,156	772	129	3,967	541	4,508
1981	1,895	1,121	764	127	3,907	557	4,464
1980	1,885	1,078	746	119	3,827	523	4,350
1979	1,869	1,040	724	124	3,756	515	4,271
1978	1,853	998	677	120	3,648	485	4,133
1977	1,815	936	653	115	3,520	467	3,986
1976	1,794	914	633	110	3,452	431	3,882
1975	1,787	893	612	105	3,398	420	3,818

Source: Statistics Canada, *Labour Force Annual Averages*, (71-529).

Note: A family is defined as a group of two or more persons who are living together in the same dwelling and who are related by blood, marriage or adoption. A person living alone or who is related to no one else in the dwelling where he lives is classified as an unattached individual. The head of a family is determined by the respondent's perception of headship and as such is solely a statistical device which has no economic connotation.

Table 6.9 Participation Rates by Sex and Family Status, Ontario, Annual Averages, 1975 to 1983

Year	Family Members						
	Head	Spouse	Unmarried Children	Other Relatives	Total	Unattached Individuals	Total
				percent			
Male							
1983	82.7	84.7	68.9	66.3	79.0	75.1	78.6
1982	84.1	84.1	68.4	68.4	80.0	74.3	79.3
1981	85.0	88.5	70.3	66.3	81.1	75.7	80.4
1980	85.1	83.7	69.0	62.8	80.6	74.1	79.9
1979	85.5	81.8	69.4	66.3	81.1	76.0	80.5
1978	86.0	82.1	66.5	64.9	80.9	74.3	80.1
1977	85.8	83.7	64.7	60.8	80.1	74.3	79.5
1976	86.1	87.4	63.0	61.2	80.1	73.0	79.3
1975	86.7	82.3	65.1	65.9	81.3	71.9	80.3
Female							
1983	61.3	55.7	66.1	38.8	57.3	50.9	56.4
1982	61.9	55.5	65.0	37.4	56.9	49.9	55.8
1981	61.6	54.5	64.8	38.3	56.1	51.6	55.5
1980	60.9	53.2	63.5	34.2	54.6	52.2	54.3
1979	58 4	52.1	62.5	35.0	53.4	52.1	53.2
1978	56.0	50.4	59.7	35.3	51.6	50.6	51.4
1977	56.3	48.2	58.0	34.8	49.8	50.1	49.8
1976	54.1	47.3	57.4	36.3	48.9	49.4	49.0
1975	51 6	46.5	57.3	34.2	48.1	52.0	48.6
Total							
1983	79.6	57.1	67.7	50.0	68.0	61.2	67.1
1982	81.1	56.6	66.9	49.9	68.3	60.4	67.3
1981	82.1	55.4	68.0	49.8	68.4	62.4	67.6
1980	82.3	53.8	66.6	45.4	67.5	61.9	66.7
1979	82.4	52.6	66.4	47.5	67.1	62.5	66.5
1978	82.8	50.9	63.6	47.2	66.1	61.0	65.4
1977	82.7	48.7	61.8	45.4	64.8	60.4	64.3
1976	83.1	47.7	60.6	46.8	64.5	59.3	63.8
1975	83.3	47.0	61.8	47.2	64.6	60.5	64.1

Source: Statistics Canada, *Labour Force Annual Averages*, (71-529).

Note: See note, Table 6.8.

Table 6.10 Husband-Wife Families and Lone Parent Families by Labour Force Activity, Showing Number of Children at Home, Ontario, 1981

	Families With Children at Home						Families With No Children at Home	Total
	One	Two	Three	Four	Five +	Total		
					'000's			
Husband-wife Families								
Husband in Labour Force								
Wife in Labour Force	238.8	309.3	127.7	37.4	11.6	724.7	346.8	1,071.5
Wife not in Labour Force	149.6	204.6	96.1	31.0	12.1	493.5	162.7	656.2
Total	388.4	513.9	223.8	68.4	23.7	1,218.2	509.5	1,727.7
Husband not in Labour Force								
Wife in Labour Force	10.0	6.8	2.8	1.1	0.4	21.2	29.6	50.9
Wife not in Labour Force	28.1	11.8	5.6	2.4	1.3	49.1	201.1	250.1
Total	38.1	18.6	8.4	3.5	1.7	70.3	230.7	301.0
All Wives								
Total, Wife in Labour Force	248.8	316.1	130.5	38.5	12.0	745.9	376.4	1,122.4
Total, Wife not in Labour Force	177.7	216.4	101.7	33.4	13.4	542.6	363.8	906.3
Total	426.5	532.5	232.2	71.9	25.4	1,288.5	740.2	2,028.7
Lone Parent Families								
Male Lone Parent								
In Labour Force	18.3	10.7	4.0	1.2	0.6	34.9	...	34.9
Not in Labour Force	5.6	1.3	0.5	0.2	0.1	7.8	...	7.8
Total	24.0	12.0	4.5	1.4	0.8	42.6	...	42.6
Female Lone Parent								
In Labour Force	65.0	40.2	14.5	3.8	1.3	124.8	...	124.8
Not in Labour Force	47.2	21.6	9.0	3.3	1.7	82.8	...	82.8
Total	112.2	61.8	23.5	7.1	3.0	207.6	...	207.6
Total	136.2	73.8	28.0	8.5	3.7	250.2	...	250.2
Total Families	562.2	606.3	260.2	80.4	29.2	1,538.7	740.2	2,278.9

Source: Statistics Canada, *Census of Canada*, *Census Families in Private Households*, (92-935).

Notes: 1. Families are census families in private households.

2. Census family refers to a husband and a wife (with or without children who have never married, regardless of age), or a lone parent of any marital status, with one or more children who have never married, regardless of age, living in the same dwelling. For census purposes, persons living in a common-law type of arrangement are considered as now married, regardless of their legal marital status; they accordingly appear as a husband-wife family in the census family tables.

Table 6.11 Husband-Wife Families by Number and Family Status of Family Members in the Labour Force, Ontario, 1981

	With Children at Home			
	Wife Under 35	Wife 35 – 44	Wife 45 & Over	Total
		'000's		
No Persons in Labour Force	6.8	4.2	9.4	20.3
One Person in Labour Force				
Husband	211.0	92.7	40.7	344.4
Wife	4.7	2.9	2.9	10.5
Child	0.1	1.1	21.5	22.7
Total	215.7	96.7	65.1	377.6
Two Persons in Labour Force				
Husband & Wife	286.2	157.9	43.5	487.6
Husband & Child	1.2	24.7	72.0	97.9
Wife & Child	0.1	1.1	6.5	7.6
Two Children	—	0.4	4.4	4.8
Total	287.5	184.0	126.4	598.0
Three or More Persons in Labour Force				
Husband, Wife & Child(ren)	3.8	97.1	136.1	237.1
Husband & Children	0.2	13.5	37.5	51.2
Wife & Children	—	0.6	2.5	3.1
Children Only	–	—	1.3	1.3
Total	4.0	111.3	177.4	292.7
Total Husband-wife Families	514.0	396.2	378.3	1,288.5

Table 6.11 (cont'd.)

	With No Children at Home						
	Children no Longer at Home	Childless					
		Wife Under 35	Wife 35 – 44	Wife 45 & Over	Total	Total	Total
				'000's			
No Persons in Labour Force	166.3	1.3	0.4	33.0	34.8	201.1	221.4
One Person in Labour Force							
Husband	118.4	20.3	3.6	20.4	44.4	162.7	507.1
Wife	20.2	4.3	0.6	4.5	9.4	29.6	40.2
Child	–	–	–	–	–	–	22.7
Total	138.6	24.6	4.2	24.9	53.8	192.4	569.9
Two Persons in Labour Force							
Husband & Wife	113.0	191.9	20.9	21.0	233.8	346.8	834.4
Husband & Child	–	–	–	–	–	–	97.9
Wife & Child	–	–	–	–	–	–	7.6
Two Children	–	–	–	–	–	–	4.8
Total	113.0	191.9	20.9	21.0	233.8	346.8	944.7
Three or More Persons in Labour Force							
Husband, Wife & Child(ren)	–	–	–	–	–	–	237.1
Husband & Children	–	–	–	–	–	–	51.2
Wife & Children	–	–	–	–	–	–	3.1
Children Only	–	–	–	–	–	–	1.3
Total	–	–	–	–	–	–	292.7
Total Husband-wife Families	417.9	217.8	25.5	79.0	322.3	740.2	2,028.7

Source: Statistics Canada, *Census of Canada*, *Census Families in Private Households*, (92-935).

Note: See notes, Table 6.10.

Table 6.12 Lone-Parent Families by Number and Family Status of Family Members in the Labour Force, Ontario, 1981

	Male Parent				
	Under 35	35 – 44	45 – 54	55 & Over	Total
			number		
No Persons in Labour Force	410	405	375	1,645	2,835
One Person in Labour Force					
Parent	5,310	7,280	4,345	1,780	18,715
Child	5	95	370	3,700	4,175
Total	5,315	7,375	4,715	5,480	22,885
Two Persons in Labour Force					
Parent & Child	150	2,745	5,285	4,000	12,185
Children	–	20	100	495	615
Total	150	2,765	5,385	4,500	12,800
Three or More Persons in Labour Force					
Parent & Children	10	680	2,015	1,270	3,980
Children Only	–	–	25	115	140
Total	10	685	2,040	1,385	4,115
Total Lone-parent Families	5,890	11,225	12,520	13,005	42,635

Table 6.12 (cont'd.)

	Female Parent					
	Under 35	35 – 44	45 – 54	55 & Over	Total	Total
				number		
No Persons in Labour Force	24,310	8,985	5,190	7,970	46,450	49,280
One Person in Labour Force						
Parent	40,185	24,290	8,835	2,525	75,835	94,550
Child	200	2,355	4,680	21,715	28,945	33,120
Total	40,385	26,650	13,510	24,240	104,785	127,675
Two Persons in Labour Force						
Parent & Child	580	10,160	14,325	9,870	34,935	47,115
Children	20	770	1,795	3,345	5,930	6,545
Total	600	10,935	16,120	13,210	40,865	53,665
Three or More Persons in Labour Force						
Parent & Children	80	4,270	6,765	2,940	14,055	18,030
Children Only	5	180	545	695	1,425	1,560
Total	85	4,445	7,310	3,630	15,475	19,595
Total Lone-parent Families	65,370	51,010	42,140	49,060	207,575	250,210

Source: Statistics Canada, *Census of Canada*, *Census Families in Private Households*, (92-935).

Note: See notes, Table 6.10.

Table 6.13 Labour Force By Age, Showing Mobility Status, Ontario, 1981

		Movers						
			Migrants					
	Non-movers	Non-migrants	Within Same Province	From Different Province	From Outside Canada	Total	Total	Total
				'000's				
15 - 24	494.9	299.0	201.4	40.8	34.7	276.9	575.9	1,070.7
25 - 34	296.2	482.8	312.1	59.6	54.3	426.1	909.0	1,205.2
35 - 44	461.7	234.0	134.6	30.1	27.5	192.2	426.2	887.8
45 & Over	936.4	211.9	105.8	21.8	20.0	147.6	359.5	1,295.9
Total	2,189.1	1,227.7	754.0	152.3	136.6	1,042.8	2,270.5	4,459.6

Source: Statistics Canada, *Census of Canada, Labour Force – Occupation and Industry – Mobility Status, (92-927).*

Note: See notes, Table 3.46.

Table 6.14 Labour Force by Industry, Showing Mobility Status, Ontario, 1981

		Movers						
			Migrants					
	Non-movers	Non-migrants	Within Same Province	From Different Province	From Outside Canada	Total	Total	Total
				'000's				
Agriculture	100.3	19.4	17.5	1.7	2.8	22.0	41.5	141.8
Forestry	7.3	3.5	2.8	0.7	0.1	3.6	7.1	14.4
Fishing & Trapping	1.1	0.7	0.5	--	0.1	0.7	1.3	2.5
Mines (incl. milling), Quarries & Oil Wells	22.4	11.0	7.5	1.9	0.4	9.8	20.8	43.1
Manufacturing	517.5	304.2	165.1	28.2	40.6	233.9	538.1	1,055.5
Construction	132.5	68.9	38.2	4.9	5.0	48.2	117.1	249.6
Transportation, Communication & Other Utilities	152.5	91.7	59.1	11.0	4.8	75.0	166.6	319.1
Trade	381.5	199.9	120.6	21.5	19.9	162.0	362.0	743.4
Finance, Insurance & Real Estate	105.5	80.6	52.6	12.8	9.0	74.4	155.0	260.5
Community, Business & Personal Service	602.2	356.2	228.0	46.3	45.2	319.5	675.8	1,278.0
Public Administration & Defence	145.8	79.6	54.9	21.3	6.1	82.3	161.8	307.7
All Industries	2,168.6	1,215.6	746.9	150.4	134.1	1,031.4	2,247.1	4,415.6
Not Applicable	20.6	12.0	7.0	1.9	2.5	11.4	23.4	44.0
Total	2,189.1	1,227.7	754.0	152.3	136.6	1,042.8	2,270.5	4,459.6

Source: Statistics Canada, *Census of Canada, Labour Force – Occupation and Industry – Mobility Status, (92-927).*

Notes: 1. See notes, Table 3.46.
2. Not Applicable refers to unemployed persons 15 years of age and over who have never worked or who had worked only prior to January 1, 1980.
3. Industry data include computer assignment of the unspecified or undefined. These assignments are based on selected socio-economic characteristics.

Table 6.15 Labour Force by Occupation and Sex, Showing Mobility Status, Ontario, 1981

		Movers						
			Migrants					
	Non-movers	Non-migrants	Within Same Province	From Different Province	From Outside Canada	Total	Total	Total
	'000's							
Male								
Managerial, Administrative & Related	145.0	70.3	60.8	17.1	7.9	85.8	156.1	301.1
Natural Sciences, Engineering & Mathematics	61.1	34.1	31.4	8.5	6.8	46.7	80.7	141.8
Social Sciences & Related	14.1	10.2	7.9	1.9	0.7	10.5	20.7	34.8
Religion	2.8	0.9	3.0	0.8	0.7	4.5	5.4	8.2
Teaching & Related	35.9	18.2	13.7	2.4	1.8	17.9	36.1	72.0
Medicine & Health	18.1	10.5	7.6	1.6	1.4	10.5	21.1	39.2
Artistic, Literary, Recreational & Related	17.2	12.2	8.2	2.3	1.4	11.9	24.1	41.2
Clerical & Related	99.8	57.8	29.6	6.6	5.3	41.4	99.2	199.0
Sales	111.9	59.0	39.9	7.6	4.5	52.1	111.0	222.9
Service	119.0	61.2	37.8	13.4	11.1	62.3	123.5	242.5
Farming, Horticultural & Animal Husbandry	77.6	16.0	11.7	1.5	1.7	14.9	30.9	108.5
Fishing, Trapping & Related	0.6	0.4	0.2	--	0.1	0.3	0.6	1.2
Forestry & Logging	5.8	2.8	1.9	0.6	0.1	2.6	5.4	11.2
Mining & Quarrying Including Oil & Gas Field	10.1	4.9	3.1	0.7	0.1	3.9	8.8	18.9
Processing	67.8	38.9	17.7	2.7	4.2	24.5	63.4	131.2
Machining & Related	66.7	39.5	19.7	2.5	6.7	28.9	68.5	135.2
Product Fabricating, Assembling & Repairing	147.0	83.9	46.4	6.2	11.4	63.9	147.8	294.9
Construction Trades	131.1	66.0	36.8	4.5	4.5	45.7	111.7	242.8
Transport Equipment Operating	68.7	44.5	24.5	3.5	1.6	29.6	74.1	142.9
Material Handling & Related n.e.c.	39.9	22.4	10.3	1.8	1.6	13.7	36.1	76.0
Other Crafts & Equipment Operating	23.3	12.6	7.8	1.0	1.0	9.8	22.4	45.7
Occupations Not Elsewhere Classified	29.2	14.9	7.5	1.6	1.8	10.9	25.8	55.0
All Occupations	1,292.6	681.2	427.3	88.7	76.4	592.3	1,273.5	2,566.0
Not Applicable	8.6	4.2	2.1	0.6	0.9	3.6	7.8	16.4
Total	1,301.2	685.4	429.4	89.3	77.3	595.9	1,281.3	2,582.5

Table 6.15 (cont'd.)

		Movers						
			Migrants					
	Non-movers	Non-migrants	Within Same Province	From Different Province	From Outside Canada	Total	Total	Total
				'000's				
Female								
Managerial, Administrative & Related	44.9	32.5	21.6	5.4	2.4	29.4	61.9	106.9
Natural Sciences, Engineering & Mathematics	6.8	6.3	5.7	1.5	1.2	8.5	14.8	21.6
Social Sciences & Related	16.3	11.5	9.5	1.7	1.0	12.2	23.7	40.0
Religion	0.9	0.3	0.5	0.3	0.2	0.9	1.2	2.0
Teaching & Related	49.4	28.1	20.6	3.3	2.2	26.0	54.1	103.5
Medicine & Health	62.8	43.3	31.6	5.5	4.1	41.2	84.5	147.3
Artistic, Literary, Recreational & Related	11.0	8.8	5.6	1.7	1.0	8.4	17.2	28.2
Clerical & Related	321.2	204.6	115.5	23.3	17.5	156.3	360.9	682.1
Sales	94.6	45.7	27.6	5.4	3.7	36.8	82.5	177.1
Service	132.8	75.5	41.3	8.4	10.8	60.5	135.9	268.7
Farming, Horticultural & Animal Husbandry	25.5	6.1	5.8	0.6	1.1	7.4	13.5	39.0
Fishing, Trapping & Related	0.1	0.1	—	-	—	—	0.1	0.2
Forestry & Logging	0.8	0.3	0.3	0.1	—	0.3	0.7	1.4
Mining & Quarrying Including Oil & Gas Field	0.2	0.1	—	—	-	0.1	0.2	0.4
Processing	18.3	10.9	5.3	0.6	1.4	7.3	18.2	36.5
Machining & Related	6.5	5.0	2.4	0.3	0.7	3.3	8.3	14.8
Product Fabricating, Assembling & Repairing	48.6	32.5	14.4	2.0	7.5	23.8	56.3	104.9
Construction Trades	2.3	1.5	0.8	0.1	0.1	1.1	2.6	4.8
Transport Equipment Operating	6.1	3.9	2.5	0.3	0.1	2.9	6.9	13.0
Material Handling & Related, n.e.c.	14.4	9.0	3.8	0.7	1.4	5.9	14.9	29.3
Other Crafts & Equipment Operating	6.0	4.2	2.3	0.3	0.4	3.0	7.1	13.1
Occupations Not Elsewhere Classified	6.7	4.4	2.5	0.5	0.9	3.8	8.2	14.9
All Occupations	876.0	534.5	319.7	61.7	57.7	439.1	973.6	1,849.5
Not Applicable	12.0	7.8	4.9	1.3	1.6	7.8	15.6	27.6
Total	888.0	542.3	324.6	63.0	59.3	446.9	989.2	1,877.2

Table 6.15 (cont'd.)

		Movers						
			Migrants					
	Non-movers	Non-migrants	Within Same Province	From Different Province	From Outside Canada	Total	Total	Total
				'000's				
Total								
Managerial, Administrative & Related	190.0	102.8	82.4	22.5	10.3	115.2	218.0	407.9
Natural Sciences, Engineering & Mathematics	67.9	40.4	37.1	9.9	8.1	55.1	95.5	163.4
Social Sciences & Related	30.4	21.7	17.4	3.6	1.7	22.7	44.4	74.8
Religion	3.7	1.2	3.4	1.1	0.9	5.4	6.6	10.2
Teaching & Related	85.2	46.3	34.3	5.6	4.0	43.9	90.3	175.5
Medicine & Health	80.9	53.8	39.2	7.0	5.5	51.7	105.6	186.5
Artistic, Literary, Recreational & Related	28.2	21.0	13.8	4.1	2.4	20.3	41.2	69.5
Clerical & Related	420.9	262.3	145.1	29.9	22.8	197.8	460.1	881.1
Sales	206.5	104.7	67.5	13.0	8.3	88.8	193.5	400.0
Service	251.8	136.6	79.1	21.9	21.8	122.7	259.4	511.2
Farming, Horticultural & Animal Husbandry	103.1	22.1	17.5	2.0	2.8	22.3	44.4	147.5
Fishing, Trapping & Related	0.7	0.4	0.2	--	0.1	0.3	0.7	1.4
Forestry & Logging	6.5	3.1	2.1	0.7	0.1	2.9	6.1	12.6
Mining & Quarrying Including Oil & Gas Field	10.3	5.0	3.1	0.7	0.1	3.9	8.9	19.2
Processing	86.0	49.8	23.0	3.2	5.6	31.8	81.6	167.7
Machining & Related	73.2	44.5	22.1	2.8	7.4	32.3	76.8	150.0
Product Fabricating, Assembling & Repairing	195.6	116.4	60.7	8.1	18.9	87.7	204.1	399.7
Construction Trades	133.3	67.5	37.6	4.6	4.6	46.8	114.3	247.6
Transport Equipment Operating	74.8	48.4	27.0	3.8	1.8	32.6	81.0	155.8
Material Handling & Related, n.e.c.	54.3	31.4	14.1	2.5	3.0	19.6	51.0	105.2
Other Crafts & Equipment Operating	29.2	16.8	10.1	1.3	1.3	12.8	29.6	58.8
Occupations Not Elsewhere Classified	35.9	19.3	10.0	2.0	2.7	14.8	34.0	69.9
All Occupations	2,168.6	1,215.6	746.9	150.4	134.1	1,031.4	2,247.1	4,415.6
Not Applicable	20.6	12.0	7.0	1.9	2.5	11.4	23.4	44.0
Total	2,189.1	1,227.7	754.0	152.3	136.6	1,042.8	2,270.5	4,459.6

Source: Statistics Canada, *Census of Canada, Labour Force – Occupation and Industry – Mobility Status, (92-927).*

Note: See notes, Table 6.14.

Table 6.16 Agriculture, Non-Agriculture and Unclassified Labour Force by Sex, Ontario and Other Regions of Canada, Annual Averages, 1971 to 1983

Year	Agriculture		Non-agriculture		Unclassified		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
				'000's				
1983								
Ontario	99	51	2,488	1,900	12	20	2,598	1,971
Atlantic	..	...	530	364	...	...	553	374
Quebec	64	25	1,751	1,190	14	25	1,829	1,240
West	184	68	1,927	1,417	..	..	2,119	1,499
Canada	365	148	6,696	4,871	38	65	7,098	5,084
Ontario % of Canada	27.1	34.5	37.2	39.0	31.6	30.8	36.6	38.8
Ontario								
1982	96	48	2,479	1,859	9	17	2,584	1,924
1981	104	48	2,470	1,816	8	18	2,582	1,882
1980	102	49	2,424	1,750	8	17	2,534	1,816
1979	108	46	2,404	1,686	8	20	2,519	1,752
1978	96	42	2,364	1,603	9	19	2,469	1,664
1977	95	39	2,305	1,527	7	15	2,406	1,580
1976	85	33	2,268	1,476	6	13	2,360	1,522
1975	90	33	2,240	1,424	12	18	2,342	1,476
1974	94	22	2,186	1,274	8	9	2,288	1,304
1973	99	20	2,112	1,198	8	8	2,219	1,226
1972	93	21	2,064	1,131	12	9	2,169	1,160
1971	110	23	1,983	1,072	16	12	2,109	1,106

Sources: Statistics Canada, *Labour Force Annual Averages, (71-529).*
The Labour Force, (71-001).

Notes: 1. Unclassified comprises unemployed persons who have never worked before, and those persons who last worked more than 5 years ago.
2. Data are unrevised for 1971 to 1975.

Table 6.17 Labour Force by Sex and Industry, Ontario, Annual Averages, 1975 to 1983

Year	Agriculture	Other Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
			'000's			
Male						
1983	99	53	735	229	231	408
1982	96	55	766	230	234	411
1981	104	61	797	224	236	383
1980	102	58	771	232	243	375
1979	108	44	770	235	236	392
1978	96	52	726	239	235	395
1977	95	56	709	237	226	372
1976	85	57	697	237	225	367
1975	90	49	695	235	212	372

Table 6.17 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Administration	Unclassified	Total	% of Canada
			'000's			
Male						
1983	106	552	173	12	2,598	36.6
1982	102	507	174	9	2,584	36.8
1981	98	496	177	8	2,582	36.6
1980	103	462	179	8	2,534	36.5
1979	99	465	163	8	2,519	37.0
1978	101	437	179	9	2,469	37.1
1977	97	433	175	7	2,406	37.0
1976	92	415	179	6	2,360	37.1
1975	91	409	176	12	2,342	37.2

Table 6.17 (cont'd.)

Year	Agriculture	Other Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
				'000's		
Female						
1983	51	5	319	22	81	340
1982	48	6	313	23	79	335
1981	48	7	315	21	76	333
1980	49	6	317	23	74	330
1979	46	4	298	21	71	329
1978	42	4	277	21	66	301
1977	39	4	261	20	61	288
1976	33	4	269	18	59	280
1975	33	4	243	17	53	280

Table 6.17 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Administration	Unclassified	Total	% of Canada
			'000's			
Female						
1983	156	862	114	20	1,971	38.8
1982	159	830	114	17	1,924	39.1
1981	157	801	107	18	1,882	38.8
1980	156	746	98	17	1,816	39.2
1979	145	719	99	20	1,752	39.6
1978	139	695	99	19	1,664	39.3
1977	133	664	96	15	1,580	39.5
1976	132	620	94	13	1,522	39.7
1975	124	609	93	18	1,476	40.1

Table 6.17 (cont'd.)

Year	Agri-culture	Other Primary	Manu-facturing	Con-struction	Trans-portation, Commu-nication & Other Utilities	Trade
			'000's			
Total						
1983	150	58	1,054	252	312	748
1982	144	60	1,079	253	312	746
1981	152	68	1,112	244	313	716
1980	151	64	1,088	255	318	705
1979	154	48	1,067	256	307	721
1978	138	56	1,003	260	301	696
1977	133	60	970	257	287	661
1976	118	61	966	255	284	646
1975	124	53	939	252	266	653

Table 6.17 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Adminis-tration	Unclas-sified	Total	% of Canada
			'000's			
Total						
1983	262	1,414	287	32	4,570	37.5
1982	261	1,337	288	26	4,508	37.7
1981	254	1,296	283	26	4,464	37.5
1980	259	1,208	278	25	4,350	37.6
1979	244	1,184	262	28	4,271	38.0
1978	240	1,132	278	28	4,133	37.9
1977	229	1,096	271	22	3,986	38.0
1976	224	1,035	274	20	3,882	38.0
1975	215	1,019	269	30	3,818	38.3

Source: Statistics Canada, *Labour Force Annual Averages*, (71-529).

Note: See Table 6.16, note 1.

Table 6.18 Labour Force by Industry, Ontario and Other Regions of Canada, Census Years, 1971 and 1981

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Agriculture						
1981	141.6	23.0	76.8	239.9	481.3	29.4
1971	129.9	20.8	73.0	257.5	481.2	27.0
Forestry						
1981	14.4	18.2	24.1	44.1	100.8	14.3
1971	8.5	12.4	21.9	31.6	74.4	11.4
Fishing & Trapping						
1981	2.4	23.5	2.5	8.5	36.9	6.6
1971	1.4	17.1	1.9	5.1	25.4	5.6
Mines (incl. milling), Quarries & Oil Wells						
Metal Mines						
1981	30.9	7.5	17.2	23.2	78.8	39.2
1971	31.3	5.9	13.4	17.4	68.1	46.0
Mineral Fuels						
1981	2.0	5.2	0.5	53.9	61.6	3.2
1971	1.0	5.1	0.5	22.5	29.1	3.4
Non-metal Mines (Except Coal)						
1981	1.4	2.4	8.3	6.8	18.9	7.4
1971	1.5	2.2	7.7	4.6	16.0	9.4
Quarries & Sand Pits						
1981	3.7	0.6	2.2	2.7	9.2	40.6
1971	2.9	0.4	1.9	1.5	6.8	43.4
Incidental Services						
1981	3.9	1.5	2.1	34.1	41.5	9.4
1971	3.8	0.7	1.8	12.8	19.2	19.9
Total						
1981	41.9	17.1	30.3	120.7	210.0	19.9
1971	40.5	14.3	25.3	58.8	139.0	29.2
Manufacturing						
Food & Beverage						
1981	101.0	65.7	75.8	63.5	306.1	33.0
1971	86.8	39.1	61.1	55.5	242.4	35.8
Tobacco Products						
1981	3.2	0.1	4.6	0.3	8.3	39.1
1971	3.3	0.1	5.3	0.3	9.0	36.6
Rubber & Plastic Products						
1981	40.9	4.9	17.5	5.8	69.1	59.3
1971	28.8	0.8	12.6	2.8	45.0	64.0
Leather						
1981	16.8	0.4	13.2	1.7	32.1	52.3
1971	13.4	0.3	13.6	1.4	28.7	46.7
Textile						
1981	35.2	2.6	38.7	4.6	80.9	43.5
1971	28.6	1.7	35.5	3.0	68.8	41.6
Knitting Mills						
1981	7.5	1.3	12.1	1.0	21.9	34.3
1971	6.4	1.2	9.8	0.8	18.3	35.1
Clothing						
1981	30.1	0.7	79.5	14.9	125.2	24.0
1971	21.2	0.6	61.7	11.2	94.7	22.4

Table 6.18 (cont'd.)

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Manufacturing (cont'd.)						
Wood						
1981	28.7	11.0	38.6	72.5	150.8	19.1
1971	17.5	8.2	22.2	52.7	100.6	17.4
Furniture & Fixture						
1981	31.7	1.9	24.3	11.2	69.1	45.9
1971	20.0	0.9	16.5	6.8	44.2	45.3
Paper & Allied						
1981	51.4	15.1	49.9	30.0	146.5	35.1
1971	45.4	13.9	42.0	22.5	123.8	36.6
Printing, Publishing & Allied						
1981	65.0	5.3	36.1	30.0	136.4	47.6
1971	51.3	4.1	25.7	22.4	103.5	49.6
Primary Metal						
1981	81.0	4.6	34.5	17.9	138.1	58.7
1971	70.9	4.7	26.6	14.8	117.0	60.6
Metal Fabricating (Except Machinery & Transportation Equipment)						
1981	106.9	5.0	42.0	36.6	190.5	56.1
1971	78.4	4.2	30.5	22.9	135.9	57.7
Machinery (Except Electrical)						
1981	71.3	1.8	24.1	24.4	121.6	58.6
1971	52.9	1.2	14.0	9.7	77.7	68.0
Transportation Equipment						
1981	129.8	11.1	41.2	26.3	208.4	62.3
1971	103.9	7.5	33.0	19.8	164.2	63.3
Electrical Products						
1981	87.4	2.5	33.5	10.4	133.9	65.3
1971	74.7	2.7	31.9	7.7	117.0	63.8
Non-metallic Mineral Products						
1981	30.4	3.4	18.5	17.3	69.6	43.6
1971	28.3	2.6	13.7	11.3	55.9	50.6
Petroleum & Coal Products						
1981	10.7	2.2	6.7	6.9	26.5	40.3
1971	8.0	1.2	5.3	5.2	19.7	40.3
Chemical & Chemical Products						
1981	54.1	3.1	28.4	14.7	100.3	53.9
1971	42.0	2.8	24.9	9.0	78.7	53.3
Miscellaneous						
1981	48.6	2.3	22.6	10.7	84.3	57.7
1971	37.7	1.6	16.1	6.9	62.2	60.5
Total						
1981	1,031.9	145.0	642.0	400.4	2,219.4	46.5
1971	819.3	99.5	501.8	286.7	1,707.3	48.0
Construction						
General Contractors						
1981	87.6	32.3	60.6	129.5	309.9	28.3
1971	95.2	32.7	52.8	84.3	265.0	35.9
Special-trade Contractors						
1981	158.5	33.9	89.3	160.9	442.5	35.8
1971	110.6	22.5	66.8	73.3	273.3	40.5
Total						
1981	246.1	66.1	149.9	290.3	752.4	32.7
1971	205.8	55.2	119.6	157.6	538.2	38.2

Table 6.18 (cont'd.)

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Transportation, Communication & Other Utilities						
Transportation						
1981	165.4	47.3	135.6	186.6	534.8	30.9
1971	124.6	42.4	107.8	129.0	403.7	30.9
Storage						
1981	6.7	1.0	2.8	11.7	22.2	30.3
1971	4.6	0.6	2.2	8.9	16.3	28.0
Communication						
1981	86.2	19.8	66.3	76.0	248.2	34.7
1971	57.1	14.9	41.4	49.8	163.2	35.0
Electric Power, Gas & Water Utilities						
1981	53.0	10.7	29.9	36.7	130.3	40.7
1971	35.8	8.2	20.4	23.5	87.9	40.7
Total						
1981	311.4	78.7	234.5	311.0	935.6	33.3
1971	222.0	66.0	171.8	211.2	671.1	33.1
Trade						
Wholesale						
1981	211.7	40.1	131.0	175.7	558.5	37.9
1971	134.8	27.5	78.9	107.6	348.8	38.7
Retail						
1981	518.5	116.7	341.1	422.7	1,399.1	37.1
1971	362.7	79.4	215.7	262.6	920.5	39.4
Total						
1981	730.2	156.8	472.1	598.4	1,957.6	37.3
1971	497.6	107.0	294.6	370.2	1,269.3	39.2
Finance, Insurance & Real Estate						
Finance						
1981	126.3	18.7	78.9	94.3	318.1	39.7
1971	75.7	10.5	48.8	50.1	185.2	40.9
Insurance Carriers						
1981	47.5	5.2	26.7	23.0	102.3	46.4
1971	34.9	3.3	19.1	13.5	70.8	49.3
Insurance Agencies & Real Estate						
1981	81.2	10.7	40.8	68.0	200.7	40.4
1971	44.9	4.5	22.6	30.1	102.1	44.0
Total						
1981	254.9	34.5	146.3	185.3	621.1	41.0
1971	155.5	18.3	90.6	93.7	358.1	43.4
Community, Business & Personal Service						
Education & Related						
1981	274.4	68.5	206.5	219.1	768.4	35.7
1971	217.5	48.1	150.9	152.9	569.5	38.2
Health & Welfare						
1981	294.6	74.6	232.6	249.3	851.2	34.6
1971	195.0	42.8	129.7	145.7	513.1	38.0

Table 6.18 (cont'd.)

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Community, Business & Personal Service (cont'd.)						
Religious Organizations						
1981	18.9	6.1	21.7	14.6	61.2	30.8
1971	15.0	4.8	17.1	10.3	47.2	31.8
Amusement & Recreation						
1981	59.4	8.1	34.7	34.3	136.5	43.5
1971	32.6	4.1	17.1	21.2	75.1	43.4
Business Management						
1981	203.6	21.5	105.9	149.7	480.7	42.4
1971	92.4	10.0	51.6	54.7	208.8	44.3
Personal						
1981	70.4	16.3	50.6	46.0	183.3	38.4
1971	66.9	16.7	48.3	46.6	178.5	37.5
Accommodation & Food						
1981	244.0	48.9	161.5	212.4	666.8	36.6
1971	120.8	23.9	81.5	105.3	331.5	36.4
Miscellaneous						
1981	91.3	17.7	62.8	79.5	251.3	36.3
1971	47.0	7.8	25.4	37.6	117.8	39.9
Total						
1981	1,256.7	261.7	876.3	1,004.8	3,399.4	37.0
1971	787.3	158.3	521.5	574.4	2,041.4	38.6
Public Administration & Defence						
Federal						
1981	148.6	56.6	81.2	99.4	385.8	38.5
1971	129.9	52.3	57.4	89.2	328.8	39.5
Provincial						
1981	69.1	26.5	75.5	90.2	261.3	26.4
1971	56.7	15.8	43.4	45.6	161.5	35.1
Local						
1981	85.7	14.8	60.1	77.2	237.8	36.0
1971	60.2	7.9	38.8	40.1	147.0	41.0
Other Government Offices						
1981	0.9	0.2	0.4	0.3	1.7	52.5
1971	0.7	1.0	0.5	0.2	2.3	28.7
Total						
1981	304.3	98.1	217.3	266.9	886.6	34.3
1971	247.5	77.0	140.0	175.2	639.6	38.7
Industry Unspecified Or Undefined						
1981	137.1	32.9	114.4	120.1	404.3	33.9
1971	239.1	55.0	207.2	180.6	681.9	35.1
All Industries						
1981	4,472.8	955.5	2,986.5	3,590.5	12,005.3	37.3
1971	3,354.4	701.0	2,169.2	2,402.5	8,626.9	38.9
Not Applicable						
1981	75.6	31.3	113.9	40.9	261.8	28.9
1971	56.5	14.1	73.7	42.2	186.4	30.3
Total						
1981	4,548.4	986.8	3,100.4	3,631.4	12,267.1	37.1
1971	3,410.8	715.0	2,242.8	2,444.6	8,813.3	38.7

Source: Statistics Canada, *Census of Canada, Labour Force – Industry Trends*, (92-925).

Notes: 1. Industry data for 1971 and 1981 are based on the 1970 Standard Industrial Classification.

2. Not Applicable applies to unemployed persons 15 years of age and over, who have never worked or who had worked only prior to January 1, 1970 or January 1, 1980, as applicable.

Table 6.19 Labour Force by Sex and Occupation, Ontario, Annual Averages, 1975 to 1983

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
			'000's			
Male						
1983	627	170	262	294	153	562
1982	602	169	264	276	145	610
1981	594	177	253	258	159	606
1980	557	166	249	257	160	606
1979	540	176	249	252	151	618
1978	539	172	255	251	139	571
1977	523	171	262	240	139	545
1976	519	172	261	225	130	532
1975	510	159	266	231	128	531

Table 6.19 (cont'd.)

Year	Construction	Transportation	Material Handling & Other Crafts	Unclassified	Total	% of Canada
			'000's			
Male						
1983	236	139	143	12	2,598	36.6
1982	232	142	136	9	2,584	36.8
1981	245	141	141	8	2,582	36.6
1980	252	147	132	8	2,534	36.5
1979	252	144	129	8	2,519	37.0
1978	254	149	129	9	2,469	37.1
1977	251	142	126	7	2,406	36.9
1976	255	136	124	6	2,360	37.1
1975	253	129	122	12	2,342	37.2

Table 6.19 (cont'd.)

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
			'000's			
Female						
1983	489	616	211	352	49	165
1982	467	628	201	340	46	163
1981	425	630	188	345	46	168
1980	400	615	190	312	48	174
1979	388	586	189	305	45	163
1978	367	586	167	286	41	147
1977	355	557	169	259	39	140
1976	337	554	163	234	32	142
1975	324	534	158	229	31	140

Table 6.19 (cont'd.)

Year	Con-struction	Trans-portation	Material Handling & Other Crafts	Unclas-sified	Total	% of Canada
			'000's			
Female						
1983	6	12	50	20	1,971	38.8
1982	4	12	46	17	1,924	39.1
1981	4	13	45	18	1,882	38.8
1980	...	13	44	17	1,816	39.2
1979	...	11	41	20	1,752	39.6
1978	...	7	41	19	1,664	39.3
1977	...	7	36	15	1,580	39.5
1976	...	7	38	13	1,522	39.7
1975	...	5	35	18	1,476	40.1

Table 6.19 (cont'd.)

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
				'000's		
Total						
1983	1,116	786	473	646	203	728
1982	1,069	796	466	616	191	772
1981	1,019	808	441	603	205	774
1980	957	781	439	570	208	780
1979	929	763	438	557	196	781
1978	906	758	422	537	181	718
1977	878	728	431	500	179	685
1976	856	725	424	459	162	674
1975	834	694	424	461	159	671

Table 6.19 (cont'd.)

Year	Con-struction	Trans-portation	Material Handling & Other Crafts	Unclas-sified	Total	% of Canada
			'000's			
Total						
1983	242	151	193	32	4,570	37.5
1982	237	153	182	26	4,508	37.7
1981	249	153	186	26	4,464	37.5
1980	255	159	176	25	4,350	37.6
1979	255	155	169	28	4,271	38.0
1978	257	156	170	28	4,133	37.9
1977	254	149	162	22	3,986	38.0
1976	256	143	162	20	3,882	38.0
1975	254	135	157	30	3,818	38.3

Source: Statistics Canada, *Labour Force Annual Averages*, (71-529).

Note: See Table 6.16, note 1.

Table 6.20 Experienced Labour Force by Occupation and Sex, Ontario Compared to Canada, Census Years, 1971 and 1981

	Male		Female		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	'000's		'000's		'000's	
Managerial, Administrative & Related						
1981	237.9	38.9	83.8	41.4	321.8	39.5
1971	131.7	42.0	25.4	43.5	157.1	42.2
Natural Sciences, Engineering & Mathematics						
1981	142.7	41.2	22.4	39.4	165.1	41.0
1971	97.3	44.8	7.7	45.0	105.0	44.8
Social Sciences & Related						
1981	34.4	38.4	39.5	39.9	73.9	39.2
1971	20.0	40.4	12.8	43.3	32.8	41.5
Religion						
1981	7.9	33.2	1.5	17.8	9.4	29.1
1971	6.4	32.4	0.8	21.3	7.2	30.7
Teaching & Related						
1981	71.0	35.8	101.5	34.9	172.5	35.3
1971	52.2	37.8	76.3	36.2	128.5	36.8
Medicine & Health						
1981	38.4	33.0	143.9	35.7	182.3	35.1
1971	30.6	36.5	93.7	38.6	124.4	38.1
Artistic, Literary, Recreational & Related						
1981	39.8	40.0	27.5	41.8	67.3	40.7
1971	24.2	41.4	9.9	45.1	34.1	42.4
Clerical & Related						
1981	196.3	40.2	669.1	39.3	865.4	39.5
1971	176.3	40.7	414.0	44.0	590.3	43.0
Sales						
1981	243.1	35.8	185.4	39.7	428.5	37.4
1971	217.7	38.3	102.8	41.5	320.5	39.3
Service						
1981	248.2	36.3	268.8	35.9	517.0	36.1
1971	190.3	36.5	165.7	37.0	355.9	36.7
Farming, Horticultural & Animal Husbandry						
1981	115.5	28.8	40.5	37.7	156.0	30.7
1971	110.1	27.2	32.6	30.6	142.8	27.9
Fishing, Hunting, Trapping & Related						
1981	1.2	3.3	0.2	7.6	1.4	3.5
1971	1.1	4.1	0.1	18.1	1.2	4.4
Forestry & Logging						
1981	11.0	14.4	1.5	29.7	12.5	15.3
1971	11.1	16.8	0.6	42.4	11.7	17.3
Mining & Quarrying Including Oil & Gas Field						
1981	18.4	25.0	0.4	21.8	18.8	24.9
1971	19.6	33.3	0.2	39.5	19.7	33.4
Processing						
1981	128.2	34.9	35.4	33.9	163.6	34.7
1971	99.4	36.1	23.8	40.0	123.2	36.8

Table 6.20 (cont'd.)

Year	Male Ontario	 % of Canada	Female Ontario	 % of Canada	Total Ontario	 % of Canada
	'000's		'000's		'000's	
Machining & Related						
1981	132.7	46.4	14.5	69.2	147.2	47.9
1971	117.6	51.8	9.9	72.6	127.6	52.9
Product Fabricating, Assembling & Repairing						
1981	288.9	41.1	101.7	44.8	390.6	42.0
1971	210.7	43.5	67.6	45.0	278.2	43.9
Construction Trades						
1981	239.9	31.8	4.9	31.9	244.8	31.8
1971	206.5	36.7	2.2	42.1	208.7	36.7
Transport Equipment Operating						
1981	139.3	32.6	12.6	42.6	152.0	33.2
1971	116.6	35.3	4.0	49.0	120.6	35.6
Materials Handling & Related n.e.c.						
1981	73.9	39.3	28.7	52.1	102.6	42.2
1971	62.3	37.7	21.8	53.8	84.0	40.8
Other Crafts & Equipment Operating						
1981	44.9	39.7	12.8	42.4	57.7	40.2
1971	39.8	41.7	6.3	46.8	46.1	42.4
Occupations Not Elsewhere Classified						
1981	63.7	43.2	16.6	53.5	80.4	45.0
1971	64.6	44.3	11.6	53.4	76.2	45.4
Occupations Not Stated						
1981	81.3	33.8	60.8	34.1	142.0	33.9
1971	145.7	34.9	112.9	35.4	258.7	35.1
All Occupations						
1981	2,598.7	36.3	1,874.1	38.6	4,472.8	37.3
1971	2,151.8	38.0	1,202.6	40.6	3,354.4	38.9

Source: Statistics Canada, *Census of Canada*, *Labour Force – Occupation Trends*, (92-920).

Notes: 1. Experienced labour force is derived by deleting from the total labour force unemployed persons 15 years of age and over who had never worked or who had worked only prior to January 1, 1980 and January 1, 1970 as applicable.

2. Data are presented according to the 1971 occupational classification, and using as far as possible the 1971 Census definition of the labour force.

Table 6.21 Labour Force by Occupation and Sex, Ontario Compared to Canada, 1981

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	'000's		'000's		'000's	
Managerial, Administrative & Related						
Officials & Administrators, Government	18.8	35.7	5.4	35.5	24.2	35.6
Other Managers & Administrators	206.7	36.8	60.5	38.8	267.2	37.2
Related	76.3	41.6	41.0	45.1	117.4	42.8
Total	301.8	37.8	107.0	40.8	408.8	38.6
Natural Sciences, Engineering, & Mathematics						
Physical Sciences	13.4	39.4	2.7	35.1	16.1	38.6
Life Sciences	5.5	26.1	2.3	29.3	7.8	26.9
Architects, Engineers, Community Planners	56.4	43.4	2.7	42.8	59.0	43.3
Other Architecture & Engineering	42.1	37.8	5.2	37.0	47.4	37.7
Mathematics, Statistics, Systems Analysis & Related	24.5	50.0	8.7	43.3	33.2	48.1
Total	141.9	41.1	21.6	38.6	163.5	40.7
Social Sciences & Related						
Social Sciences	7.0	40.9	4.9	45.8	11.9	42.8
Social Work & Related	9.3	33.5	21.6	39.1	30.8	37.2
Law & Jurisprudence	14.3	41.3	3.9	39.4	18.2	40.9
Library, Museum & Archival Sciences	2.0	35.0	6.8	36.0	8.8	35.8
Other	2.1	39.9	3.0	49.4	5.2	45.0
Total	34.8	38.4	40.1	39.9	74.8	39.2
Religion	8.2	32.8	2.0	19.0	10.2	28.7
Teaching & Related						
University & Related	12.8	39.5	5.2	37.8	18.0	39.0
Elementary & Secondary School & Related	44.0	36.3	78.6	34.4	122.5	35.1
Other	15.3	31.6	19.8	34.6	35.2	33.2
Total	72.1	35.7	103.6	34.6	175.7	35.0
Medicine & Health						
Health Diagnosing & Treating	18.4	36.6	4.1	38.0	22.6	36.9
Nursing, Therapy & Related Assisting	9.9	25.4	115.2	35.2	125.1	34.2
Other	10.9	37.0	28.0	36.5	38.9	36.7
Total	39.2	33.1	147.4	35.5	186.6	35.0
Artistic, Literary, Recreational & Related						
Fine & Commercial Art, Photography & Related	13.4	39.9	10.2	40.4	23.6	40.1
Performing & Audio-Visual Arts	11.1	39.4	4.6	41.6	15.7	40.0
Writing	8.7	43.5	7.4	44.1	16.0	43.8
Sports & Recreation	8.1	35.2	6.1	40.0	14.2	37.1
Total	41.3	39.4	28.2	41.4	69.5	40.2
Clerical & Related						
Stenographic & Typing	2.5	37.2	182.8	37.8	185.3	37.8
Bookkeeping, Account-Recording & Related	40.4	36.1	251.5	38.8	291.9	38.4
Office Machine, & Electronic Data Processing Operators	11.3	49.1	35.8	45.7	47.1	46.5

Table 6.21 (cont'd.)

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	'000's		'000's		'000's	
Clerical & Related (cont'd.)						
Material Recording, Scheduling & Distributing	84.2	43.8	28.0	46.3	112.2	44.4
Library, File & Correspondence Clerks & Related	3.5	45.2	19.3	43.7	22.9	43.9
Reception, Information, Mail & Message Distribution	25.1	37.5	65.9	37.9	91.0	37.8
Other	32.0	35.9	99.4	39.0	131.5	38.2
Total	199.2	40.0	682.6	39.2	881.8	39.3
Sales						
Commodities	172.2	35.8	153.0	38.9	325.1	37.2
Services	42.3	40.5	20.4	43.5	62.7	41.4
Other	8.4	30.6	3.8	42.8	12.2	33.5
Total	222.9	36.3	177.2	39.4	400.1	37.6
Service						
Protective	77.5	33.5	11.2	34.9	88.7	33.6
Food & Beverage Preparation & Related	62.0	35.2	129.2	35.4	191.2	35.4
Lodging & Other Accommodation	8.3	44.8	16.8	37.6	25.1	39.7
Personal	12.2	40.9	49.1	34.2	61.3	35.4
Apparel & Furnishings	4.7	34.2	10.3	35.3	15.1	35.0
Other	79.8	38.7	52.3	37.4	132.1	38.2
Total	244.6	36.2	268.9	35.7	513.5	35.9
Farming, Horticultural & Animal Husbandry						
Farmers	48.6	23.4	8.3	42.7	56.9	25.1
Other	59.9	35.7	30.7	35.4	90.7	35.6
Total	108.5	28.9	39.0	36.7	147.5	30.6
Fishing, Trapping & Related	1.2	3.2	0.2	7.5	1.4	3.5
Forestry & Logging	11.2	14.3	1.4	27.9	12.6	15.2
Mining & Quarrying Including Oil & Gas Field	18.9	24.8	0.4	22.6	19.2	24.8
Processing						
Mineral Ore Treating	3.6	39.5	0.2	42.2	3.8	39.7
Metal Processing & Related	41.0	56.7	3.0	71.0	44.0	57.5
Clay, Glass & Stone Processing, Forming & Related	6.8	41.3	1.4	50.3	8.2	42.6
Chemicals, Petroleum, Rubber, Plastic & Related	17.6	46.5	4.2	56.1	21.8	48.1
Food, Beverage & Related	34.8	29.5	16.2	25.6	51.0	28.1
Wood, Except Pulp & Papermaking	6.4	12.5	1.1	29.9	7.5	13.7
Pulp & Papermaking & Related	12.4	27.3	1.0	38.4	13.4	27.9
Textile	6.8	29.1	8.3	39.9	15.0	34.2
Other	1.9	42.7	1.1	40.4	3.1	41.8
Total	131.2	34.8	36.5	33.7	167.7	34.5

Table 6.21 (cont'd.)

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	'000's		'000's		'000's	
Machining & Related						
Metal	48.2	52.4	3.3	72.3	51.5	53.4
Metal Shaping & Forming Except Machining	71.5	43.9	8.6	74.9	80.0	45.9
Wood	3.8	27.5	0.7	49.6	4.5	29.5
Clay, Glass, Stone & Related Materials	3.5	40.5	0.9	49.6	4.4	42.1
Other	8.2	53.0	1.3	59.7	9.5	53.8
Total	135.2	46.2	14.8	69.1	150.0	47.7
Product Fabricating Assembling & Repairing						
Metal Products, n.e.c.	51.4	63.2	11.8	76.4	63.2	65.3
Electrical, Electronic & Related	44.2	45.5	21.2	70.0	65.4	51.4
Wood Products	12.8	31.4	2.7	51.1	15.6	33.7
Textile, Fur & Leather Products	16.7	35.8	48.5	32.6	65.2	33.4
Rubber, Plastic & Related Products	14.0	50.1	6.6	68.2	20.6	54.8
Mechanic & Repairers, n.e.c.	125.2	34.8	2.1	43.6	127.3	34.9
Other	30.5	45.5	11.9	57.6	42.5	48.3
Total	294.9	40.9	104.9	44.6	399.8	41.8
Construction Trades						
Excavating, Grading, Paving & Related	29.5	25.3	0.3	23.0	29.8	25.3
Electrical Power, Lighting & Wire, Communications Equipment Erecting, Installing & Repairing	45.4	33.5	1.7	40.2	47.2	33.7
Other	167.9	32.5	2.8	29.1	170.7	32.5
Total	242.8	31.6	4.8	31.7	247.6	31.6
Transport Equipment Operating						
Air	4.7	27.4	0.2	19.5	4.9	26.8
Railway	9.8	30.3	0.3	40.8	10.1	30.6
Water	3.6	17.9	0.1	28.0	3.8	18.1
Motor	122.2	33.6	12.1	43.7	134.4	34.3
Other	2.6	42.1	0.1	55.1	2.7	42.6
Total	142.9	32.5	13.0	42.5	155.9	33.1
Material Handling & Related, n.e.c.	76.0	39.2	29.3	51.8	105.2	42.1
Other Crafts & Equipment Operating						
Printing & Related	22.0	44.6	10.2	43.6	32.2	44.3
Stationary Engine & Utilities Equipment & Related	18.1	35.2	0.3	31.8	18.5	35.1
Electronic & Related Communications Equipment n.e.c.	3.1	31.8	0.7	37.4	3.9	32.8
Other Crafts & Equipment, n.e.c.	2.4	46.6	1.9	38.9	4.3	43.0
Total	45.7	39.4	13.1	42.1	58.8	40.0
Occupations n.e.c.	55.0	42.0	14.9	58.3	69.9	44.7
All Occupations	2,569.4	36.3	1,850.7	38.6	4,420.0	37.2
Occupation Not Applicable	16.4	21.8	27.6	27.1	44.0	24.9
Total	2,585.7	36.1	1,878.3	38.3	4,464.0	37.0

Source: Statistics Canada, *Census of Canada, Labour Force – Occupation by Demographic and Educational Characteristics*, (92-917).

Note: See Table 6.14, note 2.

Table 6.22 Labour Force by Occupation, Sex and Industry, Ontario, 1981

	Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade	Finance, Insurance & Real Estate	Community, Business & Personal Service	Public Administration & Defence	All Industries
					'000's				
Male									
Managerial, Administrative & Related	10.2	70.4	15.0	17.3	55.1	31.0	63.4	39.4	301.8
Natural Sciences, Engineering & Mathematics	5.1	49.3	5.0	13.6	5.2	4.7	38.3	20.6	141.9
Social Sciences & Related	0.1	1.2	--	0.5	0.5	0.8	23.9	7.8	34.8
Religion	--	--	-	-	--	-	8.1	0.1	8.2
Teaching & Related	0.1	0.6	--	0.8	0.4	0.1	68.2	1.8	72.1
Medicine & Health	1.1	1.9	-	1.0	3.5	0.1	30.2	1.5	39.2
Artistic, Literary, Recreational & Related	0.1	6.6	0.2	5.1	1.7	0.2	24.7	2.6	41.3
Clerical & Related	1.8	55.6	3.2	33.5	46.4	14.1	23.7	20.9	199.2
Sales	0.8	30.1	2.6	3.6	137.2	36.9	11.4	0.4	222.9
Service	1.3	13.9	1.7	6.2	9.2	7.1	143.0	62.2	244.6
Farming, Horticultural & Animal Husbandry	85.3	0.7	7.3	0.6	1.1	0.7	7.6	5.1	108.5
Fishing, Trapping & Related	1.1	0.1	-	-	--	-	--	--	1.3
Forestry & Logging	7.7	2.2	0.2	0.3	0.1	--	0.1	0.6	11.2
Mining & Quarrying Including Oil & Gas Field	16.2	1.4	0.8	0.1	0.1	--	0.1	0.1	18.9
Processing	2.7	111.7	1.4	0.8	11.8	0.2	2.3	0.4	131.2
Machining & Related	1.5	110.5	8.5	2.5	5.9	0.2	5.6	0.6	135.2
Product Fabricating, Assembling & Repairing	5.2	167.1	9.2	17.7	76.3	0.8	13.8	4.8	294.9
Construction Trades	3.4	22.9	156.4	34.5	6.5	1.8	8.9	8.5	242.8
Transport Equipment Operating	3.5	18.5	6.8	75.4	21.7	0.4	11.2	5.3	142.9
Material Handling & Related n.e.c.	2.1	38.9	2.6	12.8	15.9	0.2	2.2	1.3	76.0
Other Crafts & Equipment Operating	0.6	25.6	0.5	8.0	1.3	0.7	6.1	2.9	45.7
Occupations Not Elsewhere Classified	1.0	22.4	3.4	4.1	6.0	1.6	11.0	5.7	55.0
Total	151.0	751.4	224.7	238.6	405.9	101.5	503.7	192.6	2,569.4

Table 6.22 (cont'd.)

	Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade	Finance, Insurance & Real Estate	Community, Business & Personal Service	Public Administration & Defence	All Industries
					'000's				
Female									
Managerial, Administrative & Related	2.4	12.4	1.7	5.1	18.8	18.7	33.6	14.1	107.0
Natural Sciences, Engineering & Mathematics	0.7	5.4	0.3	1.5	1.0	2.0	6.9	3.8	21.6
Social Sciences & Related	0.1	0.5	0.1	0.3	0.3	0.5	31.8	6.5	40.0
Religion	-	-	-	--	--	-	2.0	--	2.0
Teaching & Related	--	0.4	--	0.3	0.6	0.2	100.8	1.3	103.6
Medicine & Health	1.1	2.0	--	0.2	4.0	0.2	137.0	2.9	147.4
Artistic, Literary, Recreational & Related	0.1	4.0	0.1	1.8	3.3	0.5	15.9	2.6	28.2
Clerical & Related	6.8	92.0	17.4	54.6	140.9	112.3	186.1	72.5	682.6
Sales	0.8	8.4	0.7	1.7	135.7	17.9	11.3	0.6	177.2
Service	0.7	4.4	1.0	3.6	10.2	5.6	232.4	11.1	268.9
Farming, Horticultural & Animal Husbandry	35.1	0.2	0.7	0.1	0.8	0.1	1.3	0.8	39.0
Fishing, Trapping & Related	0.1	0.1	-	-	--	-	-	--	0.2
Forestry & Logging	1.2	0.1	-	--	--	--	--	0.2	1.4
Mining & Quarrying Including Oil & Gas Field	0.3	0.1	--	-	-	-	-	--	0.4
Processing	0.6	30.8	0.1	0.1	3.1	--	1.7	0.1	36.5
Machining & Related	--	13.6	0.1	--	0.6	--	0.4	--	14.8
Product Fabricating, Assembling & Repairing	0.1	90.1	0.3	0.3	9.0	0.2	4.6	0.2	104.9
Construction Trades	0.1	1.1	2.1	0.8	0.4	0.1	0.2	0.2	4.8
Transport Equipment Operating	0.2	0.5	0.2	8.9	1.0	0.1	1.9	0.3	13.0
Material Handling & Related n.e.c.	0.3	20.4	0.1	0.6	6.3	--	1.4	0.1	29.3
Other Crafts & Equipment Operating	--	8.8	--	0.6	0.6	0.1	2.5	0.6	13.1
Occupations Not Elsewhere Classified	0.2	9.1	0.2	0.3	1.2	0.3	2.7	1.1	14.9
Total	50.9	304.1	24.9	80.6	337.8	159.0	774.5	118.9	1,850.7

Table 6.22 (cont'd.)

	Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade	Finance, Insurance & Real Estate	Community, Business & Personal Service	Public Administration & Defence	All Industries
					'000's				
Total									
Managerial, Administrative & Related	12.7	82.7	16.7	22.4	73.9	49.8	97.0	53.5	408.8
Natural Sciences, Engineering & Mathematics	5.8	54.8	5.3	15.1	6.2	6.7	45.2	24.4	163.5
Social Sciences & Related	0.2	1.7	0.1	0.8	0.8	1.3	55.7	14.3	74.8
Religion	--	--	-	--	--	-	10.1	0.1	10.2
Teaching & Related	0.2	1.0	0.1	1.1	1.0	0.3	169.0	3.0	175.7
Medicine & Health	2.2	3.9	--	1.1.	7.4	0.3	167.2	4.4	186.6
Artistic, Literary, Recreational & Related	0.2	10.6	0.2	6.9	5.0	0.8	40.6	5.3	69.5
Clerical & Related	8.5	147.7	20.6	88.1	187.3	126.4	209.8	93.4	881.8
Sales	1.6	38.5	3.2	5.3	272.9	54.8	22.7	1.0	400.1
Service	2.0	18.3	2.6	9.8	19.4	12.7	375.3	73.3	513.5
Farming, Horticultural & Animal Husbandry	120.4	0.8	8.0	0.6	1.9	0.7	9.0	6.0	147.5
Fishing, Trapping & Related	1.2	0.1	-	-	0.1	-	--	--	1.4
Forestry & Logging	8.9	2.3	0.2	0.3	0.1	--	0.1	0.8	12.6
Mining & Quarrying Including Oil & Gas Field	16.5	1.5	0.9	0.1	0.1	--	0.1	0.1	19.2
Processing	3.4	142.5	1.4	0.9	14.9	0.2	3.9	0.5	167.7
Machining & Related	1.5	124.0	8.6	2.5	6.5	0.2	6.0	0.6	150.0
Product Fabricating, Assembling & Repairing	5.3	257.2	9.4	18.0	85.4	1.0	18.3	5.0	399.8
Construction Trades	3.4	23.9	158.4	35.3	6.8	1.9	9.2	8.6	247.7
Transport Equipment Operating	3.7	19.0	7.0	84.3	22.7	0.4	13.1	5.7	155.9
Material Handling & Related n.e.c.	2.5	59.3	2.7	13.4	22.2	0.3	3.6	1.4	105.3
Other Crafts & Equipment Operating	0.6	34.4	0.5	8.6	1.8	0.9	8.6	3.4	58.8
Occupations Not Elsewhere Classified	1.2	31.4	3.6	4.3	7.1	1.9	13.7	6.7	69.9
Total	201.8	1,055.6	249.6	319.1	743.7	260.6	1,278.1	311.5	4,420.0

Source: Statistics Canada, *Census of Canada, Labour Force Industry by Occupation*, (92-923).

Notes: 1. Industry data for 1981 are based on the 1970 Standard Industrial Classification. Occupation data for 1981 are based on the 1980 Standard Occupational Classification.

2. Excludes unemployed persons 15 years of age and over, who have never worked or who had worked only prior to January 1, 1980.

3. Occupation major groups and industry division totals include computer assignment of the not stated and the unspecified or undefined. These assignments are based on selected socio-economic characteristics.

Table 6.23 **Labour Force by Highest Educational Attainment, Ontario and Other Regions of Canada, Annual Averages, 1975 to 1983**

Year	0 - 8 Years	High School	Some Post-secondary	Post-secondary Certificate or Diploma	University Degree	Total
				'000's		
1983						
Ontario	597	2,319	468	576	609	4,570
Atlantic	155	468	79	124	100	928
Quebec	559	1,483	226	443	358	3,069
West	346	1,976	399	447	446	3,616
Canada	1,658	6,246	1,174	1,592	1,513	12,183
Ontario % of Canada	36.0	37.1	39.9	36.2	40.3	37.5
Ontario						
1982	607	2,386	429	533	553	4,508
1981	663	2,372	404	497	528	4,464
1980	648	2,372	387	462	481	4,350
1979	669	2,350	369	424	459	4,271
1978	650	2,166	428	442	446	4,133
1977	644	2,059	424	429	430	3,986
1976	663	1,970	421	428	400	3,882
1975	708	1,874	383	476	378	3,818

Source: Statistics Canada, *Labour Force Annual Averages*, (71-529).

Note: High School includes persons who have either completed their secondary education or had at least some secondary education, but who have not had any post-secondary education.

Table 6.24 Labour Force by Highest Level of Schooling, Sex and Age, Ontario, 1981

	15 – 24	25 – 44	45 – 64	65 +	Total
			'000's		
Male					
Less than Grade 9	16.1	107.8	199.1	22.3	345.3
Grades 9 – 13 Without Certificate/Diploma	226.9	249.4	172.6	14.6	663.5
Grades 9 – 13 With High School Certificate/Diploma	115.2	130.5	52.1	4.5	302.3
Trades Certificate/Diploma	34.7	187.4	132.7	7.0	361.8
Some University or Other Non-university Without Certificate/Diploma	109.4	141.1	52.3	4.8	307.7
University or Other Non-university With Certificate/Diploma	37.5	166.5	65.3	4.0	273.4
University Degree	24.4	222.5	77.7	7.1	331.7
Total	564.2	1,205.2	751.9	64.5	2,585.8
Female					
Less than Grade 9	9.3	72.4	96.4	8.5	186.6
Grades 9 – 13 Without Certificate/Diploma	163.6	194.7	133.0	7.7	499.0
Grades 9 – 13 With High School Certificate/Diploma	124.9	144.7	54.9	3.0	327.5
Trades Certificate/Diploma	24.3	71.3	36.1	1.9	133.6
Some University or Other Non-university Without Certificate/Diploma	93.7	96.7	41.9	3.1	235.4
University or Other Non-university With Certificate/Diploma	63.2	181.1	63.9	3.5	311.6
University Degree	28.4	129.7	24.7	1.7	184.5
Total	507.4	890.6	451.0	29.3	1,878.3
Total					
Less than Grade 9	25.4	180.2	295.5	30.8	532.0
Grades 9 – 13 Without Certificate/Diploma	390.5	444.1	305.7	22.3	1,162.5
Grades 9 – 13 With High School Certificate/Diploma	240.1	275.2	107.1	7.5	629.8
Trades Certificate/Diploma	59.0	258.7	168.8	8.9	495.4
Some University or Other Non-university Without Certificate/Diploma	203.2	237.8	94.3	7.9	543.2
University or Other Non-university With Certificate/Diploma	100.6	347.6	129.2	7.5	585.0
University Degree	52.9	352.2	102.4	8.8	516.3
Total	1,071.7	2,095.7	1,202.9	93.8	4,464.1

Source: Statistics Canada, *Census of Canada, Labour Force Activity, (92-915).*

Notes: 1. Less than Grade 9 includes no schooling or kindergarten only, does not include persons with any certificate or diploma.
2. Trades Certificate/Diploma includes some persons with other non-university but without other non-university certificate or diploma.
3. University or Other Non-university With Certificate/Diploma is below bachelor level.

Table 6.25 Youth Labour Force by Sex, Age and School Attendance, Ontario, 1975 to 1983

	In School Full-time			Not In School Full-time & All Others			Labour Force		
Year	15 – 19	20 – 24	Total	15 – 19	20 – 24	Total	15 – 19	20 – 24	Total
					'000's				
Male									
1983	95	24	119	121	321	441	216	345	560
1982	91	20	111	137	317	454	228	337	565
1981	100	18	118	149	318	467	249	336	585
1980	92	14	106	158	313	472	250	327	578
1979	93	17	110	159	311	470	252	326	580
1978	86	15	100	154	307	462	240	322	562
1977	81	14	96	144	302	445	225	316	541
1976	82	18	100	133	287	420	215	305	520
1975	95	20	115	131	278	409	226	298	524
Female									
1983	92	18	110	114	293	407	206	311	517
1982	93	15	108	123	288	411	216	303	519
1981	93	14	107	134	284	418	227	298	525
1980	90	13	103	138	284	422	228	297	525
1979	89	11	100	138	276	414	227	287	514
1978	80	12	92	130	267	397	210	279	489
1977	75	16	91	126	257	383	201	273	474
1976	77	13	90	123	248	371	200	261	461
1975	80	13	92	119	238	358	199	251	450
Total									
1983	187	42	229	235	614	849	422	656	1,078
1982	184	34	219	260	605	865	444	639	1,084
1981	193	32	225	283	602	885	476	634	1,110
1980	182	27	209	296	597	893	478	624	1,102
1979	182	28	210	297	587	884	479	615	1,094
1978	165	27	192	285	574	859	450	601	1,051
1977	156	30	187	270	560	828	426	590	1,015
1976	160	30	190	255	536	791	415	566	981
1975	174	33	207	251	517	767	425	550	974

Sources: Statistics Canada, *Labour Force Annual Averages, (71-529)*
Ontario Manpower Commission.

Note: Not In School Full-time & All Others is not published by Statistics Canada, derived from published data.

Chapter 7
Personal Income, Expenditure and Saving

Personal Income, Expenditure and Saving

Statistics on the financial condition of persons cover measures of income, expenditure and saving. The income of individuals can be measured from several different viewpoints depending on what items are included and how the personal sector is defined. None of the standard income measures are able to take into account transactions in the hidden economy, such as barters of goods or services among individuals. Personal income on a national accounting basis is covered in Chapter 10, Economic Overview. Data on income of women are presented in Chapter 5, Women.

Sources of Data

The main sources of data are:

- labour income estimates by Statistics Canada;
- income tax returns compiled by Revenue Canada;
- Statistics Canada's Survey of Consumer Finances;
- Census of Canada;
- Statistics Canada's Family Expenditure Survey.

The Labour Division of Statistics Canada produces monthly labour income estimates, projected from annual benchmarks, using current employment and earnings indicators and historical trends. The most important of these are payroll estimates derived from the monthly Survey of Employment, Payrolls and Hours. Labour income includes both wages and salaries and supplementary labour income, covering all compensation paid to employees residing in Canada. Wages and salaries are estimated before deductions and include income in kind. Not included are earnings received by self-employed persons, business proprietors, farmers, and military pay and allowances. Supplementary labour income includes the employer's share of contributions to unemployment insurance, welfare and pension funds, and workers' compensation. The labour income data shown here may not correspond exactly to the estimates of wages, salaries and supplementary income from the Provincial Accounts (see Chapter 10), since the Provincial Accounts figures include adjustments that are not possible to allocate to individual industries. Monthly and annual data are published in *Estimates of Labour Income, (72-005)*, and are available on CANSIM. The data, released about four months following the reference period, are the most timely source of income data. Further information can be obtained from the Labour Division of Statistics Canada, telephone Ottawa, 990-9900.

Revenue Canada compiles statistics from a sample of tax returns, providing information on sources of income, tax status and income range. For income tax purposes, the following items are excluded: gifts, inheritances, Guaranteed Income Supplements, Veterans' Disability Pensions, Workers' Compensation and other social assistance payments. Since 1972, the tax base has included one-half of realized capital gains, unemployment benefits and scholarships. This source provides an extensive profile of the tax filing populace, but some under-representation may occur in low income groups due to non-filing of tax returns. The data are published annually in *Taxation Statistics*, approximately two years after the reference tax year. Further information can be obtained from Revenue Canada, Taxation, telephone Ottawa, 995-5616.

The Survey of Consumer Finances collects income data, using a sample representative of all families and individuals excluding persons residing on Indian reserves and inmates of institutions. The definition of income used in this survey includes wages and salaries, net income from self-employment, investment income, government transfer payments (all social welfare payments and, commencing with 1981, refundable tax credits), pensions and miscellaneous income such as scholarships and alimony. Income in kind, net gambling receipts, inheritances, net capital gains, sales of property, tax refunds, loans, insurance settlements and tax rebates are not included. The family concept used is the economic family. The data are published annually in *Income Distribution by Size in Canada, (13-207)*. Although final data are released about two years after the reference period, there is a preliminary issue with a lag of less than one year. Related publications are *Income After Tax, Distribution by Size in Canada, (13-210)*, and *Family Incomes, Census Families, (13-208)*. For further information, contact the Consumer Income and Expenditure Division of Statistics Canada, telephone Ottawa, 990-9775.

Income data from the Census of Canada are based on a sample of returns. In 1981, one in every five census forms collected information on the money income of persons 15 years and older. The definition of income used in the census is virtually identical with the Survey of Consumer Finances. Data are available for individuals, households and census families. Census data are available in published and other forms. For a more complete discussion of the census, see Chapter 3, Population. Further information can be obtained from the Census Division of Statistics Canada, telephone Ottawa, 990-9534.

The Family Expenditure Survey provides data on income as well as expenditures for both urban and rural areas. This sample survey is carried out occasionally, the most recent one referring to 1982. Excluded from the sample are families of representatives of foreign countries, persons in institutions, members of religious orders and communes, and employees living in such arrangements as logging camps. The family is viewed as a spending unit. Persons dependent on a common or pooled income living in the same dwelling, or one financially independent person living alone meet these requirements. To avoid duplication, members of a spending unit temporarily living elsewhere are excluded. Income is composed of wages and salaries, income from self-employment, investment income, government transfer income, and miscellaneous income. Expenditure data are given as averages for all families in the survey, whether or not they report purchases of a particular item. This survey also provides data on net change in assets and liabilities, which can be viewed as a measure of savings. The data are published in *Family Expenditure in Canada*. The 1982 data will be made available over the course of 1984. Further information can be obtained from the Consumer Income and Expenditure Division of Statistics Canada, telephone Ottawa, 990-9781.

An additional source of data is the Conference Board of Canada which carries out a survey of consumer buying intentions, telephone Ottawa, 746-1261.

Personal Income, Expenditure and Saving

Charts:

7.1 Labour Income by Industry, Ontario, 1971 to 1982
7.2 Total Income and Taxable Income, Ontario, 1972 to 1981
7.3 Sources of Income, Ontario, 1980
7.4 Average Annual Family Income and Expenditure, Ontario and Other Regions of Canada, 1978

Tables:

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7.3 Sources of Personal Income Based on Tax Returns, Ontario and Other Regions of Canada, 1981
7.4 Income Distribution Based on Tax Returns, Ontario, 1981
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7.7 Income Distribution of Economic Families and Unattached Individuals, Ontario and Other Regions of Canada, 1981
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7.19 Average Annual Family Expenditure on Selected Items, Ontario and Other Regions of Canada, 1978
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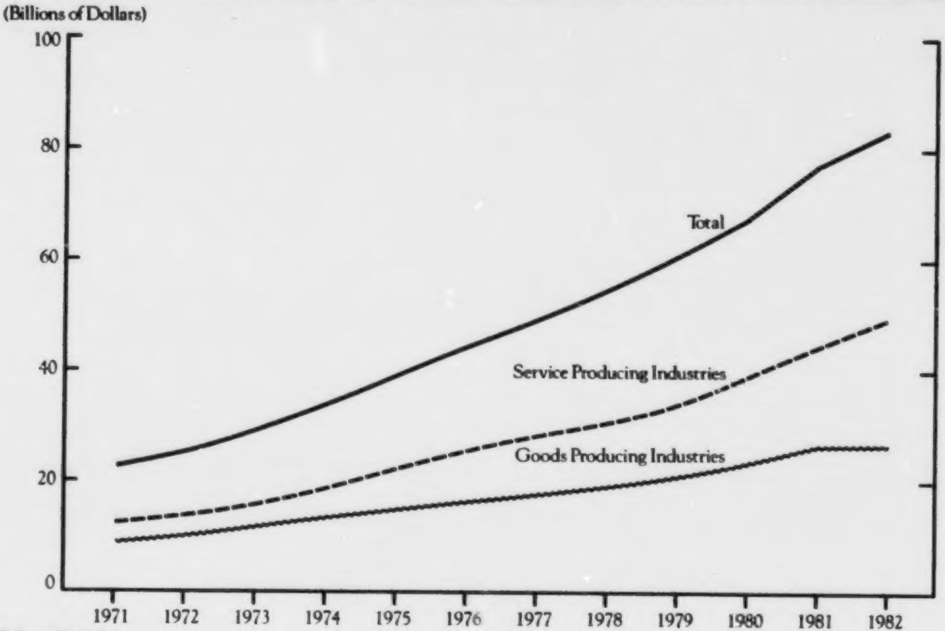
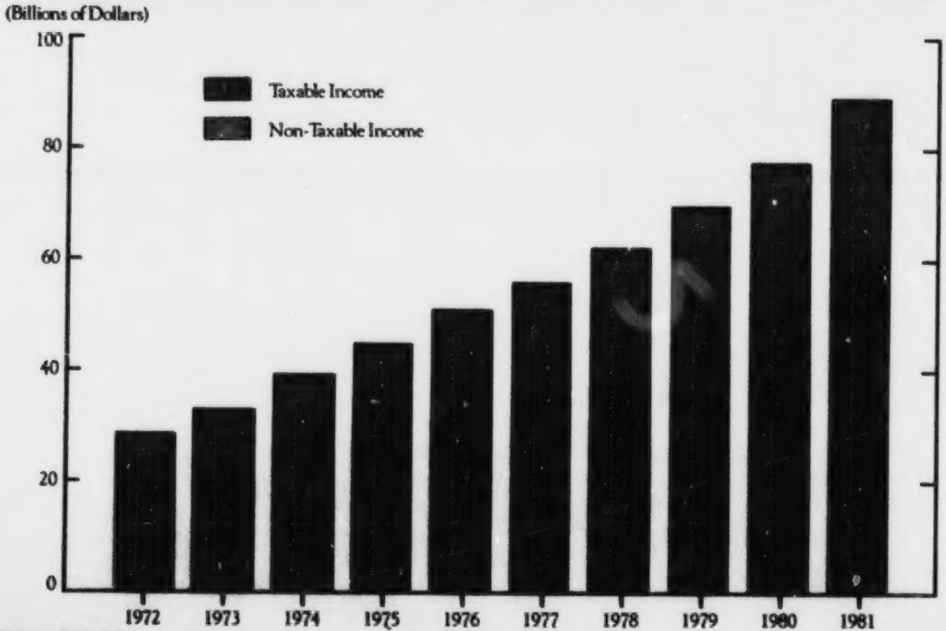
7.23 Average Annual Family Expenditure by Family Size, Ontario, 1978
7.24 Average Annual Family Expenditure by Homeownership Status, Ontario, 1978

Chart 7.1 Labour Income by Industry, Ontario, 1971 to 1982



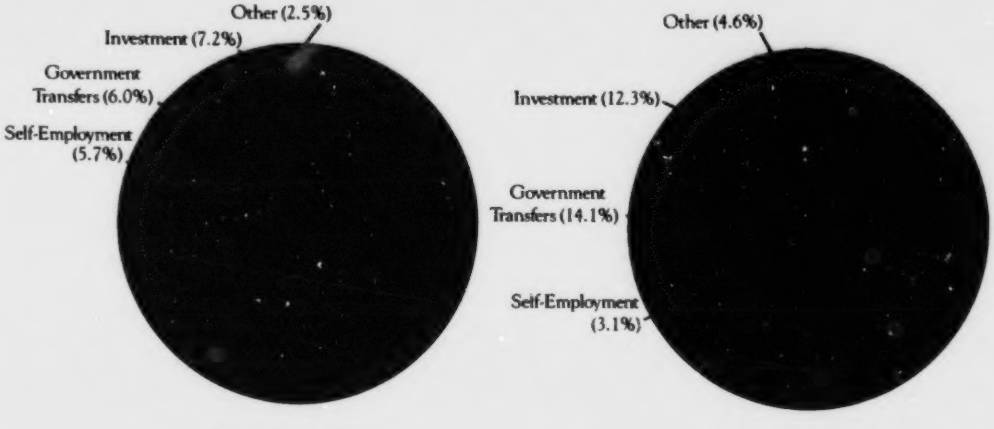
Refer to Table 7.1

Chart 7.2 Total Income and Taxable Income, Ontario, 1972 to 1981



Refer to Table 7.2

Chart 7.3 Sources of Income, Ontario, 1980

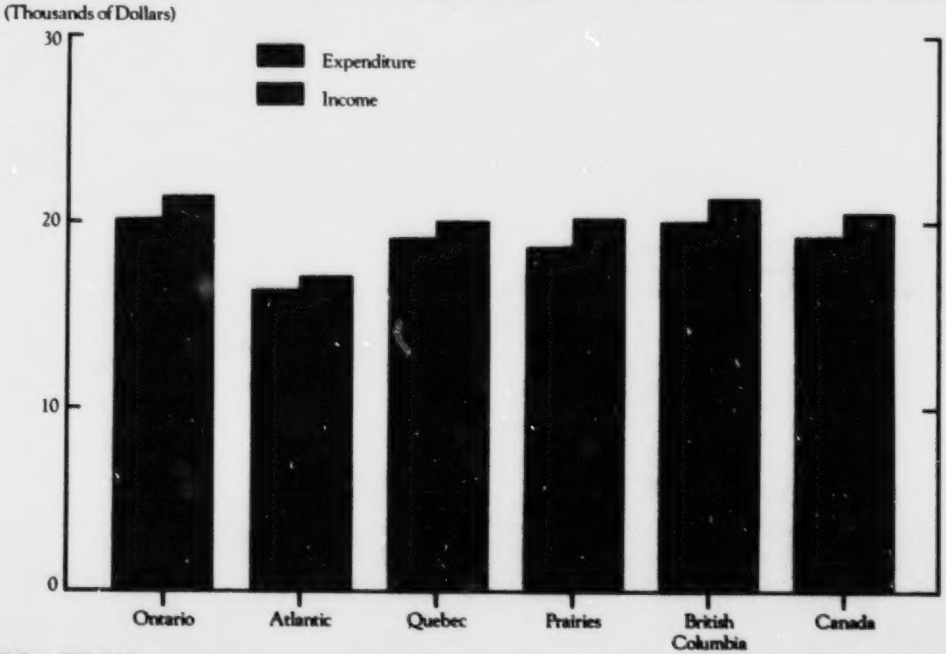


Census Families With Income

Non Family Persons With Income

Refer to Tables 7.14 and 7.17

Chart 7.4 Average Annual Family Income and Expenditure, Ontario and Other Regions of Canada, 1978



Refer to Table 7.19

Table 7.1 Labour Income by Industry, Ontario, 1971 to 1982

	Service Producing Industries						Goods-Producing Industries	
Year	Transportation Communication & Other Utilities	Trade	Finance Insurance Real Estate	Community Business & Personal Service	Public Adminis-tration	Total	Forestry	Mines Quarries & Oil Wells
					$ millions			
1982	6,924.1	8,875.4	6,189.9	20,609.3	6,702.2	49,300.9	295.5	1,014.4
1981	6,075.2	8,352.8	5,520.8	18,098.7	5,938.4	43,985.9	346.3	1,075.7
1980	5,401.4	7,437.1	4,712.8	15,609.4	5,111.8	38,272.4	308.5	886.5
1979	4,692.4	6,646.7	4,060.9	13,668.0	4,666.7	33,734.6	290.2	680.5
1978	4,160.4	5,934.6	3,501.8	12,344.6	4,403.3	30,344.8	271.5	612.8
1977	3,779.7	5,502.4	3,113.3	11,163.0	4,130.1	27,688.5	233.2	662.5
1976	3,409.4	5,160.5	2,757.5	9,986.7	3,666.5	24,980.5	180.0	622.7
1975	2,943.2	4,601.5	2,410.0	8,425.3	3,251.2	21,631.1	163.4	527.4
1974	2,578.2	3,988.0	2,067.8	6,986.8	2,707.7	18,328.6	166.6	443.0
1973	2,170.1	3,384.7	1,723.6	5,973.8	2,225.2	15,477.5	138.5	373.6
1972	1,910.0	2,978.2	1,369.3	5,370.6	1,955.5	13,583.6	114.4	337.0
1971	1,719.7	2,671.7	1,167.2	4,806.2	1,716.7	12,081.5	110.1	355.9

Table 7.1 (cont'd.)

	Goods-Producing Industries (cont'd.)						
Year	Manu-facturing	Con-struction	Other	Total	Total Wages & Salaries	Supple-mentary Labour Income	Total
				$ millions			
1982	20,071.3	4,375.5	664.0	26,420.7	75,721.6	7,026.0	82,747.6
1981	19,704.6	4,605.7	607.9	26,340.2	70,326.1	6,441.1	76,767.2
1980	17,235.2	3,917.1	548.7	22,896.0	61,168.4	5,568.4	66,736.9
1979	15,801.1	3,666.8	494.1	20,932.7	54,667.3	5,212.0	59,879.3
1978	13,832.6	3,600.5	441.7	18,759.1	49,103.9	4,743.8	53,847.6
1977	12,589.9	3,672.9	398.5	17,557.0	45,245.5	3,455.4	48,700.9
1976	11,592.1	3,434.9	339.2	16,168.9	41,149.4	3,013.1	44,162.5
1975	10,087.1	3,235.1	272.2	14,285.2	35,916.3	2,527.5	38,443.8
1974	9,336.9	2,906.5	228.7	13,081.7	31,410.2	2,106.4	33,516.6
1973	8,099.7	2,498.4	220.3	11,330.5	26,808.0	1,727.8	28,535.8
1972	7,076.3	2,063.9	176.9	9,768.5	23,352.2	1,535.7	24,887.9
1971	6,411.8	1,900.9	173.2	8,951.9	21,033.4	1,271.1	22,304.6

Source: Statistics Canada, *Estimates of Labour Income*, (72-005).

Notes: 1. Other includes agriculture, fishing, hunting and trapping.
2. Supplementary Labour Income is payments made by employers for the future benefit of their employees.

Table 7.2 **Summary of Taxation Statistics, Ontario and Other Regions of Canada, 1972 to 1981**

Year	All Returns	Total Income	Total Exemptions & Deductions	Taxable Income	Income Tax Federal	Income Tax Provincial	Contributions to Canada Pension Plan	Contributions to Unemployment Insurance
	'000's				$ millions			
1981								
Ontario	5,562	88,664	34,798	56,666	9,592	4,898	744	773
Atlantic	1,251	15,184	7,239	8,786	1,370	845	140	147
Quebec	3,783	54,144	22,949	33,360	5,627	--	-	503
West	4,559	75,668	28,786	49,260	8,287	4,031	631	598
Canada	15,179	233,994	93,929	148,274	24,928	9,775	1,518	2,024
Ontario % of Canada	36.6	37.9	37.0	38.2	38.5	50.1	49.0	38.2
Ontario								
1980	5,466	76,881	31,039	48,525	8,138	4,002	648	510
1979	5,643	69,159	29,342	42,794	7,065	3,501	589	466
1978	5,510	61,691	26,025	38,443	5,997	3,144	519	465
1977	4,995	55,347	22,782	34,349	5,734	2,911	462	425
1976	4,909	50,370	20,516	31,439	5,995	2,045	411	419
1975	4,784	44,235	17,850	27,775	5,315	1,838	361	320
1974	4,662	38,665	15,482	24,371	4,825	1,639	313	270
1973	4,446	32,425	13,007	20,464	4,155	1,383	260	156
1972	4,182	27,980	11,593	17,313	3,695	1,128	236	112

Source: Revenue Canada, *Taxation Statistics.*

Notes: 1. The allocation to provinces is on the basis of the tax filers' place of residence on December 31 of each year.
2. Canada figures include returns of non-residents.
3. Taxable income does not equal total income less exemptions and deductions.
4. Under the Federal-Provincial Fiscal Arrangements Act, the federal government collects personal income taxes for all the provinces (except for Quebec which operates its own tax program). The provinces levy their personal income taxes as a percentage of the basic federal tax. These rates vary from province to province. The Ontario rate in 1981 was 46% of the basic federal tax.
5. In 1977, under the Established Programs, Financing Act, the federal government transferred 9.143 personal income tax points to Ontario for health and post-secondary education.

Table 7.3 Sources of Personal Income Based on Tax Returns, Ontario and Other Regions of Canada, 1981

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
Wages & Salaries	63,942	11,111	40,760	52,657	168,936	37.8
Commissions	1,402	157	767	1,464	3,794	37.0
Other Employment Earnings	193	21	106	182	507	38.1
Family Allowance	670	190	485	554	1,903	35.2
Unemployment Insurance Benefits	1,167	761	1,691	821	4,444	26.3
Old Age Pension	1,288	216	696	1,154	3,357	38.4
CPP or QPP Benefits	1,026	182	629	713	2,553	40.2
Other Pensions or Superannuation	1,947	360	794	1,316	4,426	44.0
Net Business Income	1,147	222	966	903	3,256	35.2
Net Professional Income	1,908	261	1,148	1,413	4,742	40.2
Net Commission Income	165	30	134	150	480	34.4
Net Farming Income	233	26	221	1,616	2,098	11.1
Net Fishing Income	4	203	15	67	289	1.3
Taxable Dividends	3,191	328	832	3,039	7,403	43.1
Bond Interest	935	115	621	615	2,288	40.8
Bank Interest	6,234	739	2,844	5,442	15,277	40.8
Mortgage Interest	465	7	90	169	731	63.5
Income from Trusts	286	21	111	157	576	49.7
Annuity Income	217	22	125	311	676	32.0
Other Canadian Investment Income	70	9	40	151	272	25.7
Foreign Investment Income	141	11	55	81	292	48.4
Net Rental Income	-97	-21	-53	-267	-440	22.0
Net Taxable Capital Gains	613	55	296	1,396	2,370	25.9
Miscellaneous Income	1,466	221	775	1,276	3,764	38.9
Total Income Assessed	88,611	15,248	54,149	75,384	233,994	37.9

Source: Revenue Canada, *Taxation Statistics.*

Note: The allocation of returns by province is on the basis of the tax filer's address at the time of filing.

Table 7.4 Income Distribution Based on Tax Returns, Ontario, 1981

	Taxable Returns				All Returns	
	Number	Total Income	Taxable Income	Total Tax	Number	Total Income
	'000's		$ millions		'000's	$ millions
Under $2,000	–	–	–	–	660.2	242.2
2,000 - 3,999	1.3	4.5	1.7	0.1	390.8	1,174.1
4,000 - 5,999	44.0	249.8	94.7	5.7	407.4	2,036.1
6,000 - 7,999	233.4	1,647.3	711.7	78.6	389.0	2,713.4
8,000 - 9,999	326.8	2,953.1	1,401.8	211.8	396.9	3,571.9
10,000 - 14,999	869.7	10,857.7	6,005.9	1,175.1	906.9	11,284.2
15,000 - 19,999	738.7	12,855.3	8,069.2	1,834.8	745.6	12,973.8
20,000 - 24,999	607.6	13,596.4	9,180.9	2,264.0	611.7	13,686.7
25,000 - 29,999	402.6	10,994.0	7,738.1	2,014.0	405.4	11,069.7
30,000 - 39,999	383.6	13,101.7	9,578.2	2,669.9	386.9	13,215.3
40,000 and Over	256.5	16,268.7	12,819.3	4,213.7	261.4	16,644.2
Total	3,864.1	82,528.4	55,601.6	14,467.8	5,562.0	88,611.5

Source: Revenue Canada *Taxation Statistics.*

Notes: 1. Total Tax refers to both federal and provincial taxes.
2. See note, Table 7.3.

Table 7.5 Income by Occupation Based on Tax Returns, Ontario, 1981

	Taxable Returns				All Returns	
	Number	Total Income	Taxable Income	Total Tax	Number	Total Income
	'000's		$ millions		'000's	$ millions
Employees of Business	2,301.9	46,847.1	31,762.1	8,371.3	2,868.3	48,996.3
Employees of Institutions	230.0	4,167.3	2,664.9	653.0	291.5	4,424.9
Teachers & Professors	123.5	3,590.7	2,504.1	705.5	127.4	3,611.2
Federal Employees	123.9	3,214.1	2,225.3	617.8	138.0	3,268.8
Provincial Employees	120.3	2,964.0	2,019.5	551.3	133.2	3,013.3
Municipal Employees	156.5	3,364.3	2,188.7	562.9	191.8	3,473.4
Armed Forces	20.6	478.8	313.0	83.2	22.2	483.7
Unclassified Employees	83.0	1,259.7	762.8	175.8	156.1	1,504.7
Total	3,159.6	65,886.0	44,440.3	11,720.8	3,928.5	68,776.2
Farmers	34.0	709.9	457.4	99.9	69.2	841.5
Fishermen	0.3	4.1	2.7	0.6	0.4	4.6
Total	34.3	714.0	460.2	100.5	69.6	846.1
Accountants	3.5	157.8	111.6	37.4	3.9	161.4
Medical Doctors & Surgeons	11.1	793.4	632.1	254.0	11.5	798.8
Dentists	3.3	225.4	178.0	71.6	3.4	227.0
Lawyers & Notaries	6.9	384.8	287.0	109.4	7.3	389.6
Engineers & Architects	1.3	56.9	40.9	14.4	1.4	58.2
Entertainers & Artists	3.6	58.3	35.3	8.7	8.2	78.5
Other Professionals	10.8	286.5	199.0	58.1	15.3	309.1
Total	40.5	1,963.2	1,483.7	553.5	51.0	2,022.6
Salesmen	7.3	161.2	106.0	28.4	11.5	177.2
Forestry Operators	0.9	17.6	10.3	2.3	1.7	21.6
Manufacturers	2.9	57.9	39.5	10.1	5.7	69.3
Construction	22.1	373.4	226.1	53.4	30.9	417.3
Public Utilities	10.4	169.6	104.6	24.4	18.8	207.3
Wholesale Traders	2.8	78.6	53.0	16.4	4.2	80.4
Retail Traders	28.3	526.1	342.0	84.7	50.3	597.7
Insurance Agency Operators	0.4	13.0	8.8	2.6	0.5	13.3
Real Estate Agency Operators	0.9	46.9	23.2	6.4	1.1	46.7
Other Finance	1.2	45.8	30.7	10.4	3.4	50.8
Recreational Services Operators	2.0	39.7	25.1	6.4	3.0	42.9
Business Services Operators	2.6	45.8	30.1	7.0	4.0	52.1
Other Service Operators	28.0	469.1	292.3	71.3	48.8	543.4
Other Business Proprietors	1.4	36.9	22.8	5.9	2.1	39.6
Total	103.8	1,920.5	1,208.5	301.4	174.6	2,182.2
Investors	283.8	8,033.1	5,829.0	1,275.8	496.4	9,265.6
Property Owners	17.3	436.9	294.1	85.6	34.6	507.5
Total	301.0	8,470.0	6,123.1	1,361.4	531.0	9,773.0
Pensioners	159.4	2,618.3	1,312.4	289.7	350.0	3,722.2
Unclassified	58.1	795.1	467.4	112.1	445.8	1,111.9
Total	3,864.1	82,528.4	55,601.6	14,467.8	5,562.0	88,611.5

Source: Revenue Canada, *Taxation Statistics*.

Notes: 1. See note, Table 7.3.

2. Occupations are classified according to the tax filer's major form of income. For example, doctors earning the major part of their income in the form of salaries are classified as employees. Self-employed persons with professional fees as their principal source of income are classified as professionals.

Table 7.6 Income by Age Groups Based on Tax Returns, Ontario, 1981

	Taxable Returns		All Returns	
	Number	Total Income	Number	Total Income
	'000's	$ millions	'000's	$ millions
Under 18 Years	9.9	100.2	110.4	343.8
18	26.2	226.2	110.7	481.9
19	52.5	522.8	136.5	788.9
20 - 24	497.4	6,650.0	762.7	7,537.5
25 - 29	533.4	9,477.3	724.0	9,976.2
30 - 34	498.7	10,734.4	668.1	11,179.4
35 - 39	434.1	10,447.1	571.5	10,848.2
40 - 44	346.0	8,544.5	449.7	8,873.4
45 - 49	319.8	8,172.7	411.7	8,482.3
50 - 54	315.8	8,053.5	404.0	8,389.0
55 - 59	279.0	6,986.3	366.7	7,309.4
60 - 64	212.1	5,180.9	293.2	5,503.5
65 - 69	144.8	3,239.0	220.3	3,761.4
70 - 75	105.0	2,259.4	167.7	2,702.1
Over 75	88.6	1,917.2	162.0	2,410.5
Not Stated	0.8	16.9	2.9	23.9
Total	3,864.1	82,528.4	5,562.0	88,611.5

Source: Revenue Canada, *Taxation Statistics.*

Note: See note, Table 7.3.

Table 7.7 **Income Distribution of Economic Families and Unattached Individuals, Ontario and Other Regions of Canada, 1981**

	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			percent			
Families						
Under $5,000	1.5	2.4	2.2	2.8	2.0	2.0
5,000 - 6,999	1.9	4.0	2.5	2.1	1.6	2.2
7,000 - 9,999	3.9	8.4	6.7	4.4	4.1	5.2
10,000 - 11,999	3.7	6.4	4.9	4.7	4.8	4.5
12,000 - 12,999	1.7	2.7	1.8	1.9	1.7	1.8
13,000 - 13,999	1.8	2.8	2.0	2.2	1.9	2.0
14,000 - 14,999	1.7	2.6	2.1	1.9	1.8	1.9
15,000 - 15,999	1.8	3.0	2.4	1.9	1.8	2.1
16,000 - 16,999	2.0	2.8	2.5	1.6	1.7	2.1
17,000 - 17,999	2.3	2.8	2.2	2.2	2.0	2.3
18,000 - 19,999	3.7	6.4	6.0	4.3	3.5	4.6
20,000 - 21,999	4.6	5.6	5.6	4.4	3.7	4.8
22,000 - 24,999	7.0	8.2	8.0	6.4	5.8	7.1
25,000 - 29,999	13.3	12.7	12.7	11.9	12.1	12.7
30,000 - 34,999	12.0	9.6	10.9	11.5	9.7	11.1
35,000 - 39,999	10.7	6.7	9.0	9.1	12.4	9.8
40,000 - 44,999	7.5	4.1	5.5	7.0	7.3	6.6
45,000 & Over	18.9	8.8	13.0	19.7	22.0	17.0
Total	100.0	100.0	100.0	100.0	100.0	100.0
			dollars			
Average Income	32,170	24,659	28,124	31,723	32,835	30,440
Median Income	29,669	22,060	25,465	28,861	30,702	27,838
			percent			
Unattached Individuals						
Under $2,000	3.6	3.8	4.3	4.7	3.7	4.0
2,000 - 2,999	2.2	2.7	1.5	2.9	2.3	2.2
3,000 - 3,999	3.9	5.7	5.6	3.0	3.8	4.3
4,000 - 4,999	3.0	6.6	10.1	3.1	4.4	5.3
5,000 - 5,999	9.2	17.6	13.9	8.4	11.2	11.0
6,000 - 6,999	9.1	9.1	9.3	7.6	7.3	8.6
7,000 - 7,999	6.4	5.0	5.2	5.4	3.8	5.4
8,000 - 8,999	3.5	5.0	2.9	4.4	2.4	3.5
9,000 - 9,999	3.9	5.0	3.2	3.0	3.9	3.6
10,000 - 11,999	6.8	7.8	5.8	6.8	6.9	6.6
12,000 - 14,999	9.7	8.0	9.7	10.3	11.0	9.9
15,000 - 19,999	13.3	10.3	11.5	15.2	13.7	13.1
20,000 - 24,999	10.1	7.9	8.2	11.1	10.0	9.7
25,000 & Over	15.2	5.5	8.8	14.2	15.6	12.8
Total	100.0	100.0	100.0	100.0	100.0	100.0
			dollars			
Average Income	14,620	10.811	11,635	14,312	14,430	13,535
Median Income	11,500	7,903	8,047	12,210	12,087	10,631

Table 7.7 (cont'd.)

	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			percent			
Families & Unattached Individuals						
Under $5,000	4.6	6.0	7.4	6.2	6.0	5.9
5,000 - 6,999	6.4	9.1	8.2	6.4	7.1	7.2
7,000 - 9,999	6.6	9.9	8.0	7.0	6.1	7.2
10,000 - 11,999	4.5	6.7	5.1	5.3	5.5	5.1
12,000 - 12,999	2.2	2.8	2.1	2.6	2.5	2.3
13,000 - 13,999	2.1	2.9	2.4	2.6	2.5	2.4
14,000 - 14,999	2.1	2.4	2.5	2.2	2.2	2.2
15,000 - 15,999	2.2	2.9	2.3	2.4	2.3	2.4
16,000 - 16,999	2.4	2.4	2.7	2.2	2.0	2.4
17,000 - 17,999	2.3	2.7	2.3	2.1	2.0	2.3
18,000 - 19,999	3.9	6.0	5.3	4.9	4.1	4.6
20,000 - 21,999	4.6	5.2	5.2	4.8	3.9	4.8
22,000 - 24,999	6.6	7.3	6.9	6.1	5.8	6.6
25,000 - 29,999	11.2	10.6	10.3	10.4	10.2	10.7
30,000 - 34,999	9.6	7.6	8.4	8.8	8.0	8.8
35,000 - 39,999	8.5	5.3	7.0	6.8	9.1	7.6
40,000 - 44,999	5.8	3.3	4.3	5.1	5.2	5.0
45,000 & Over	14.3	7.0	9.6	14.0	15.3	12.6
Total	100.0	100.0	100.0	100.0	100.0	100.0
			dollars			
Average Income	27,331	21,569	23,606	26,282	26,827	25,641
Median Income	24,736	18,760	20,653	22,583	23,874	22,534

Source: Statistics Canada, *Income Distribution by Size in Canada, (13-207).*

Notes: 1. The economic family is defined as a group of individuals related by blood, marrige or adoption, who share a common dwelling unit.
2. An unattached individual is a person living alone or in a household where he/she is not related to other household members.

Table 7.8 Average and Median Income of Economic Families and Unattached Individuals, Ontario and Other Regions of Canada, 1971 to 1981

Year	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			dollars			
Families						
Average						
1981	32,170	24,659	28,124	31,723	32,835	30,440
1980	28,854	21,501	25,389	28,643	28,866	27,398
1979	25,298	19,525	23,400	24,179	26,644	24,245
1978	23,748	18,125	21,203	22,266	24,427	22,397
1977	21,600	16,590	19,056	19,712	21,040	20,101
1976	20,113	15,232	18,219	18,772	20,702	19,000
1975	18,047	13,474	15,446	16,177	17,746	16,613
1974	16,144	11,647	13,742	14,755	15,620	14,833
1973	13,912	9,965	12,024	11,760	13,942	12,716
1972	12,430	9,144	10,834	10,471	11,447	11,300
1971	11,483	7,936	9,919	9,309	11,212	10,368
Median						
1981	29,669	22,060	25,465	28,861	30,702	27,838
1980	26,906	19,346	23,210	25,643	28,866	25,244
1979	23,688	17,767	21,044	22,155	25,157	22,313
1978	21,639	16,336	19,463	20,418	22,347	20,463
1977	19,847	14,865	17,500	18,323	20,318	18,565
1976	18,115	13,990	16,123	16,712	19,063	16,954
1975	16,588	12,077	13,971	14,563	16,335	15,065
1974	14,980	10,612	12,571	13,010	14,414	13,516
1973	12,817	8,791	10,705	10,567	12,827	11,533
1972	11,425	8,175	9,692	9,532	10,770	10,367
1971	10,546	7,094	8,706	8,388	10,269	9,347
Unattached Individuals						
Average						
1981	14,620	10,811	11,635	14,312	14,430	13,535
1980	12,075	9,144	10,368	11,119	12,939	11,403
1979	10,845	8,077	9,775	10,749	10,829	10,375
1978	9,628	7,081	8,993	9,109	9,346	9,159
1977	8,738	6,449	7,858	8,178	8,701	8,254
1976	8,177	6,089	6,780	7,120	8,989	7,632
1975	7,029	5,388	6,027	6,499	7,198	6,595
1974	6,528	4,865	5,572	6,021	6,594	6,099
1973	5,596	4,162	4,967	4,459	5,651	5,149
1972	5,104	3,218	4,439	4,254	4,524	4,572
1971	4,779	3,314	4,299	4,082	4,240	4,346
Median						
1981	11,500	7,903	8,047	12,210	12,087	10,631
1980	9,773	6,200	7,439	9,003	11,315	8,761
1979	8,840	5,730	6,764	8,944	9,571	8,173
1978	7,184	4,803	6,910	7,059	8,127	6,979
1977	7,115	4,232	5,735	6,400	7,205	6,356
1976	6,394	4,609	5,196	4,963	7,830	5,807
1975	5,763	3,766	4,315	5,202	5,653	5,127
1974	5,661	3,509	3,831	4,601	5,642	4,838
1973	4,365	2,980	3,817	3,321	4,325	3,927
1972	3,938	2,133	3,321	3,128	3,425	3,373
1971	3,833	2,175	3,077	2,994	2,807	3,214

Table 7.8 (cont'd.)

Year	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			dollars			
Families & Unattached Individuals						
Average						
1981	27,331	21,569	23,606	26,282	26,827	25,641
1980	23,845	18,291	21,236	22,725	24,328	22,572
1979	21,089	16,616	19,750	19,881	21,106	20,154
1978	19,693	15,373	17,990	18,069	19,150	18,547
1977	18,049	14,131	16,185	16,148	16,807	16,764
1976	16,981	13,311	15,652	15,569	17,107	16,095
1975	15,001	11,618	12,891	13,349	14,264	13,805
1974	13,528	10,127	11,605	12,217	12,712	12,437
1973	11,719	8,723	10,137	9,736	11,442	10,694
1972	10,572	7,778	9,141	8,795	9,284	9,525
1971	9,853	6,860	8,532	7,914	9,165	8,845
Median						
1981	24,736	18,760	20,653	22,583	23,874	22,534
1980	21,595	15,819	18,764	18,923	21,804	19,857
1979	19,193	14,469	17,328	16,994	18,616	17.758
1978	17,701	13,108	15,915	15,720	16,633	16,358
1977	16,433	12,196	14,387	13,972	15,232	14,969
1976	14,933	11,608	13,604	13,161	15,069	14,030
1975	13,503	10,322	11,436	11,478	12,698	12,179
1974	12,232	9,078	10,436	10,150	11,113	10,993
1973	10,696	7,617	8,806	8,370	10,338	9,441
1972	9,756	6,690	7,966	7,501	8,621	8,493
1971	8,979	5,837	7,365	6,777	8,314	7,832

Source: Statistics Canada, *Income Distribution by Size in Canada*, (13-207).

Note: See notes, Table 7.7.

Table 7.9 Income Distribution of Economic Families and Unattached Individuals, Urban and Rural, Ontario, 1981

	Families & Unattached Individuals				Families			
	Urban Centres by Population				Urban Centres by Population			
	100,000 & Over	30,000 - 99,999	Under 30,000	Rural	100,000 & Over	30,000 - 99,999	Under 30,000	Rural
					percent			
Under $5,000	4.6	4.4	5.0	4.5	1.3	2.6	1.4	2.1
5,000 - 6,999	5.6	10.7	8.1	5.9	1.6	3.6	2.3	2.0
7,000 - 9,999	6.2	8.0	8.5	6.5	3.3	4.8	4.8	5.6
10,000 - 11,999	4.1	4.8	5.0	6.4	3.0	3.3	4.5	6.4
12,000 - 12,999	2.0	2.6	3.5	2.1	1.4	1.8	2.3	2.2
13,000 - 13,999	1.8	2.4	2.9	2.4	1.3	3.0	2.5	2.4
14,000 - 14,999	1.8	2.4	3.2	2.3	1.3	1.3	3.1	2.4
15,000 - 15,999	2.1	2.5	3.1	2.1	1.5	2.1	3.1	1.9
16,000 - 16,999	2.2	3.3	2.6	2.3	1.7	1.7	3.3	2.4
17,000 - 17,999	2.1	3.8	2.3	2.2	1.9	5.5	2.7	2.0
18,000 - 19,999	3.7	2.9	4.4	5.1	3.5	1.7	4.9	5.0
20,000 - 21,999	4.4	4.4	5.3	5.2	4.2	5.6	5.5	5.4
22,000 - 24,999	6.7	6.3	5.7	7.3	6.8	6.7	6.8	8.1
25,000 - 29,999	11.1	11.9	10.5	11.8	13.0	15.7	13.2	13.3
30,000 - 34,999	9.8	7.8	10.3	9.2	12.2	10.3	13.6	10.4
35,000 - 39,999	9.1	5.8	7.5	7.9	11.6	7.9	10.1	9.1
40,000 - 44,999	5.9	5.1	4.5	6.9	7.8	6.6	6.1	7.7
45,000 & Over	16.7	11.0	7.6	9.7	22.4	15.7	9.8	11.5
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
					dollars			
Average Income	28,832	23,739	23,024	25,586	34,293	28,636	27,254	28,121
Median Income	26,183	21,074	20,581	23,159	31,662	26,985	26,085	25,785

Table 7.9 (cont'd.)

	Unattached Individuals	
	Urban Population 100,000 & Over	All Other
	percent	
Under $2,000	3.7	3.4
2,000 - 2,999	2.0	2.7
3,000 - 3,999	4.2	3.1
4,000 - 4,999	2.9	3.5
5,000 - 5,999	7.7	12.8
6,000 - 6,999	7.9	12.1
7,000 - 7,999	6.1	7.1
8,000 - 8,999	3.7	3.0
9,000 - 9,999	3.4	5.2
10,000 - 11,999	6.8	6.9
12,000 - 14,999	9.3	10.8
15,000 - 19,999	13.7	12.2
20,000 - 24,999	11.1	7.5
25,000 & Over	17.4	9.8
Total	100.0	100.0
	dollars	
Average Income	15,446	12,575
Median Income	12,498	9,461

Source: Statistics Canada, *Income Distribution by Size in Canada*, (13-207).

Notes: 1. See notes, Table 7.7.
2. The All Other category includes urban areas under 100,000 population and rural areas.

Table 7.10 Income Distribution by Family Size, Ontario, 1981

	Number of Persons				
	Two	Three	Four	Five or More	All Families
			percent		
Under $5,000	2.3	2.0	0.6	0.5	1.5
5,000 - 6,999	3.2	1.7	0.9	1.1	1.9
7,000 - 9,999	6.4	3.8	2.1	1.5	3.9
10,000 - 11,999	7.3	2.1	1.4	1.7	3.7
12,000 - 12,999	2.5	1.7	0.8	1.1	1.7
13,000 - 13,999	2.7	1.5	1.1	1.2	1.8
14,000 - 14,999	2.5	1.8	1.2	0.6	1.7
15,000 - 15,999	3.0	1.9	1.1	0.3	1.8
16,000 - 16,999	2.4	2.1	1.5	1.8	2.0
17,000 - 17,999	3.6	1.8	1.7	1.2	2.3
18,000 - 19,999	4.3	5.0	3.3	1.6	3.7
20,000 - 21,999	5.0	5.1	4.3	3.8	4.6
22,000 - 24,999	7.7	6.7	6.7	6.2	7.0
25,000 - 29,999	12.0	12.2	15.9	13.7	13.3
30,000 - 34,999	9.2	12.9	12.7	15.3	12.0
35,000 - 39,999	9.4	11.2	11.8	11.4	10.7
40,000 - 44,999	5.5	7.9	9.6	8.1	7.5
45,000 & Over	11.0	18.7	23.2	28.9	18.9
Total	100.0	100.0	100.0	100.0	100.0
			dollars		
Average Income	26,521	31,732	36,241	38,310	32,170
Median Income	23,879	30,277	32,883	34,476	29,669

Source: Statistics Canada, *Income Distribution by Size in Canada*, (13-207).

Note: See notes, Table 7.7.

Table 7.11 Income Distribution of Economic Families by Number of Children, Ontario, 1981

	No Children	One Child	Two Children	Three Children	Four or More Children
			percent		
Under $5,000	1.0	3.0	1.4	1.1	1.9
5,000 - 6,999	1.5	3.1	1.5	2.2	1.6
7,000 - 9,999	4.5	2.7	3.8	4.0	4.4
10,000 - 11,999	5.2	2.7	1.4	2.5	4.6
12,000 - 12,999	1.9	1.3	1.4	1.7	2.9
13,000 - 13,999	2.1	1.4	1.6	1.0	2.9
14,000 - 14,999	2.0	1.7	0.9	2.0	0.5
15,000 - 15,999	2.3	1.6	1.4	0.6	0.5
16,000 - 16,999	2.1	1.5	2.0	2.1	3.1
17,000 - 17,999	2.9	2.2	1.6	1.2	1.0
18,000 - 19,999	3.8	3.9	3.9	3.0	-
20,000 - 21,999	4.5	3.8	5.7	4.0	7.6
22,000 - 24,999	6.9	6.3	7.6	6.8	10.6
25,000 - 29,999	10.8	12.6	19.0	16.3	16.9
30,000 - 34,999	9.7	12.5	14.1	20.4	13.2
35,000 - 39,999	10.4	11.7	9.7	13.1	11.5
40,000 - 44,999	7.1	8.5	8.1	5.6	6.8
45,000 & Over	21.5	19.5	15.0	12.4	10.1
Total	100.0	100.0	100.0	100.0	100.0
			dollars		
Average Income	32,676	32,301	31,470	30,572	30,588
Median Income	29,364	30,901	29,182	30,352	27,526

Source: Statistics Canada, *Income Distribution by Size in Canada*, (13-207).

Notes: 1. See notes, Table 7.7.

2. The table refers to families with children under 16 years of age. The category No Children indicates families with no children under 16.

Table 7.12 Income Distribution of Census Families, Ontario and Other Regions of Canada, 1980

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Without Income	7.1	0.7	4.5	6.1	18.3	38.7
Under $5,000	97.4	30.4	73.8	81.5	283.1	34.4
5,000 - 7,999	81.2	40.2	107.7	66.6	295.7	27.5
8,000 - 9,999	99.4	43.5	87.9	96.0	326.7	30.4
10,000 - 11,999	99.1	37.3	83.3	82.6	302.3	32.8
12,000 - 14,999	141.2	54.1	125.3	115.3	435.9	32.4
15,000 - 16,999	101.7	37.5	91.0	78.8	309.0	32.9
17,000 - 19,999	169.9	53.7	142.7	125.4	491.8	34.6
20,000 - 21,999	133.1	36.1	104.5	95.0	368.8	36.1
22,000 - 24,999	194.8	46.2	141.1	140.3	522.3	37.3
25,000 - 29,999	306.5	62.2	205.1	226.7	800.5	38.3
30,000 - 34,999	257.1	42.6	157.8	199.5	657.0	39.1
35,000 - 39,999	185.7	26.9	109.3	148.2	470.0	39.5
40,000 - 44,999	126.7	16.7	75.3	107.2	325.9	38.9
45,000 & Over	278.0	30.1	162.5	247.3	717.9	38.7
Total	2,278.9	558.2	1,671.7	1,816.4	6,325.3	36.0

Source: Statistics Canada, *1981 Census*, (92-936).

Notes: 1. A census family refers to a husband and wife (with or without never-married children) or a lone parent with one or more never-married children living in the same dwelling. Common-law relationships are considered to be husband-wife families.

2. Families without income are mainly recent immigrants with no 1980 income in Canada.

Table 7.13 Income Distribution of Census Families by Family Type, Ontario, 1980

	Families	
	Male Lone Parent	Female Lone Parent
	'000's	
Without Income	0.1	0.6
Under $2,000	1.3	21.1
2,000 - 4,999	1.5	21.6
5,000 - 5,999	0.8	13.7
6,000 - 6,999	0.8	11.1
7,000 - 7,999	0.9	9.1
8,000 - 9,999	1.7	15.6
10,000 - 11,999	1.9	15.2
12,000 - 14,999	3.2	21.5
15,000 - 19,999	6.7	27.2
20,000 - 24,999	7.3	19.5
25,000 - 34,999	8.8	19.7
35,000 & Over	7.6	11.7
Total	42.6	207.6
	dollars	
Average Income	24,206	14,219
Median Income	21,436	11,417

Table 7.13 (cont'd.)

	Families	
	Husband Wife	Total
	'000's	
Without Income	6.4	7.1
Under $5,000	51.9	97.4
5,000 - 7,999	44.9	81.2
8,000 - 9,999	82.1	99.4
10,000 - 11,999	82.0	99.1
12,000 - 14,999	116.5	141.2
15,000 - 16,999	87.2	101.7
17,000 - 19,999	150.6	169.9
20,000 - 21,999	120.8	133.1
22,000 - 24,999	180.3	194.8
25,000 - 29,999	289.2	306.5
30,000 - 34,999	245.9	257.1
35,000 - 39,999	178.7	185.7
40,000 - 44,999	122.6	126.7
45,000 & Over	269.8	278.0
Total	2,028.7	2,278.9
	dollars	
Average Income	29,492	28,002
Median Income	26,493	25,215

Source: Statistics Canada, *1981 Census*, (92-936).

Note: See notes, Table 7.12.

Table 7.14 **Sources of Income of Census Families with Income, Ontario, 1980**

	Wages & Salaries		Self Employment Income			
			Non-farm		Farm	
	Families	Income	Families	Income	Families	Income
	'000's	$ millions	'000's	$ millions	'000's	$ millions
Under $5,000	50.4	136.1	7.7	-57.7	5.9	-95.4
5,000 - 7,999	47.6	207.5	5.5	16.0	3.3	5.3
8,000 - 9,999	44.5	279.1	5.9	24.2	4.7	16.2
10,000 - 11,999	57.5	467.0	7.6	39.5	4.7	16.6
12,000 - 14,999	105.9	1,123.8	12.4	77.0	6.7	24.5
15,000 - 16,999	86.2	1,132.3	9.0	66.7	4.2	18.7
17,000 - 19,999	152.4	2,392.5	13.6	102.5	5.6	26.9
20,000 - 21,999	124.1	2,256.9	10.8	98.2	4.0	21.8
22,000 - 24,999	185.0	3,810.3	14.9	129.2	5.4	29.1
25,000 - 29,999	294.9	7,196.1	23.2	226.5	7.8	45.1
30,000 - 34,999	249.5	7,238.6	20.2	223.1	6.8	51.9
35,000 - 39,999	181.2	6,061.4	15.5	188.1	4.9	41.5
40,000 - 44,999	123.5	4.640.6	12.0	175.9	3.5	33.9
45,000 & Over	265.2	13,201.1	47.7	1,802.2	12.1	289.1
Total	1,967.8	50,143.2	205.9	3,111.2	79.6	525.2

Table 7.14 (cont'd.)

	Government Transfer Payments							
	Old Age Pensions		Family Allowances		Unemployment Insurance		Other	
	Families	Income	Families	Income	Families	Income	Families	Income
	'000's	$ millions	'000's	$ millions	'000's	$ millions	'000's	$ millions
Under $5,000	7.3	15.3	71.3	32.3	10.9	15.7	25.7	50.6
5,000 - 7,999	14.6	57.2	51.2	23.7	13.1	29.6	36.2	140.6
8,000 - 9,999	52.4	355.8	33.0	16.0	12.4	28.6	47.7	88.9
10,000 - 11,999	43.9	274.1	38.1	17.8	14.5	33.0	27.6	60.1
12,000 - 14,999	42.9	222.8	66.2	30.6	25.7	56.8	26.1	74.7
15,000 - 16,999	21.6	102.5	53.2	24.7	20.3	44.6	14.4	41.4
17,000 - 19,999	29.1	131.4	93.5	44.5	33.9	70.1	20.9	57.2
20,000 - 21,999	16.6	72.6	78.9	37.5	26.3	51.6	13.2	34.3
22,000 - 24,999	21.5	92.5	117.5	56.8	39.4	74.9	18.5	47.8
25,000 - 29,999	27.7	115.5	186.8	89.4	58.6	111.2	26.3	65.7
30,000 - 34,999	19.1	78.4	157.5	74.8	43.9	82.2	19.3	47.5
35,000 - 39,999	12.3	51.1	112.1	52.6	28.6	54.1	13.5	32.5
40,000 - 44,999	8.2	33.2	75.1	34.4	18.3	34.4	9.4	22.2
45,000 & Over	22.7	97.3	156.4	71.4	30.1	56.9	18.4	45.1
Total	339.9	1,699.6	1,291.3	606.6	375.9	743.7	317.2	808.6

Table 7.14 (cont'd.)

	Investment Income		Retirement Pensions & Other Income		All Sources	
	Families	Income	Families	Income	Families	Income
	'000's	$ millions	'000's	$ millions	'000's	$ millions
Under $5,000	15.4	- 21.7	4.8	7.2	97.4	82.5
5,000 - 7,999	14.7	22.6	9.0	23.4	81.2	525.8
8,000 - 9,999	33.0	51.3	20.0	44.8	99.4	904.8
10,000 - 11,999	42.2	94.0	27.1	81.7	99.1	1,083.8
12,000 - 14,999	57.5	157.1	33.2	133.0	141.2	1,900.1
15,000 - 16,999	37.8	109.9	18.3	82.8	101.7	1,623.6
17,000 - 19,999	66.1	185.8	27.0	133.4	169.9	3,144.4
20,000 - 21,999	50.5	132.8	16.3	83.2	133.1	2,789.0
22,000 - 24,999	81.0	207.5	23.0	120.5	194.8	4,568.6
25,000 - 29,999	138.0	363.9	33.2	179.7	306.5	8,393.3
30,000 - 34,999	127.9	362.5	26.6	149.7	257.1	8,308.8
35,000 - 39,999	103.3	327.1	19.9	117.5	185.7	6,925.8
40,000 - 44,999	76.4	291.5	13.9	88.4	126.7	5,354.5
45,000 & Over	199.1	2,293.9	38.5	352.1	278.0	18,208.9
Total	1,042.8	4,578.2	310.6	1,597.5	2,271.8	63,813.8

Source: Statistics Canada, *1981 Census*, (92-936).

Notes:
1. See Table 7.12, note 1.
2. The Families columns are families reporting income for each source.
3. Wages and Salaries are gross amounts before deductions. Included in this source are military pay and allowances, tips, commissions, bonuses, piece rate payments and occasional earnings.
4. Old Age Pensions includes payments by the federal government of Old Age Security, Guaranteed Income Supplements, Canada Pension Plan and Spouses' Allowances.
5. Family Allowances includes federal and provincial allowances paid in respect of children under 18.
6. Other government payments includes all other government transfer payments from all levels of government. These are veterans' pensions and allowances, cash welfare payments, workers' compensation, Canada Manpower training and mobility allowances, mothers' allowances, pensions to widows, blind and disabled, and provincial income supplements.
7. Investment Income includes interest from deposits in financial institutions, bond and debenture interest, dividends from Canadian and foreign sources, net rents from real estate, mortgage and loan interest, regular income from an estate or trust fund, and interest from insurance policies from Canadian and foreign sources.
8. Retirement Pensions and Other Income is all regular income received as a result of previous employment of the respondent or a deceased relative, but excludes lump sum payments. It includes alimony, child support, periodic support from non-household members, net income from roomers and boarders, retirement pensions from abroad and scholarships.

Table 7.15 Income Distribution of Non-Family Persons, Ontario and Other Regions of Canada, 1980

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Without Income	47.3	12.1	45.7	40.2	145.3	32.6
Under $1,000	30.2	7.0	21.9	29.2	88.4	34.2
1,000 - 1,999	30.2	8.5	21.4	30.3	90.4	33.5
2,000 - 2,999	37.3	10.1	26.7	30.6	104.6	35.6
3,000 - 3,999	38.4	11.4	63.2	35.4	148.4	25.9
4,000 - 4,999	64.6	44.9	112.4	75.1	297.0	21.7
5,000 - 5,999	153.8	24.3	66.3	116.6	361.0	42.6
6,000 - 7,999	100.8	23.0	72.1	92.5	288.4	34.9
8,000 - 9,999	81.5	16.8	53.9	75.3	227.4	35.8
10,000 - 11,999	78.9	15.1	50.1	73.8	217.9	36.2
12,000 - 14,999	110.2	17.7	67.8	103.8	299.6	36.8
15,000 - 19,999	133.3	17.9	77.9	126.4	355.5	37.5
20,000 - 24,999	80.4	8.5	46.8	82.8	218.5	36.8
25,000 & Over	87.5	8.1	51.7	89.0	236.2	37.0
Total	1,074.4	225.3	777.8	1,001.1	3,078.5	34.9

Source: Statistics Canada, *1981 Census*, (92-936).

Note: Non-family persons refers to household members who do not belong to a census family. They may be related (cousin, sister-in-law) or unrelated (lodger, room-mate). A person living alone is a non-family person.

Table 7.16 Income Distribution of Non-Family Persons by Sex, Ontario, 1980

	Female	Male
	number	
Without Income	29,660	17,675
Under $1,000	17,100	13,110
1,000 - 1,999	17,670	12,570
2,000 - 2,999	21,875	15,410
3,000 - 3,999	22,335	16,060
4,000 - 4,999	44,200	20,350
5,000 - 5,999	114,475	39,300
6,000 - 7,999	64,435	36,315
8,000 - 9,999	49,820	31,665
10,000 - 11,999	47,790	31,150
12,000 - 14,999	61,890	48,310
15,000 - 19,999	61,600	71,730
20,000 - 24,999	31,110	49,315
25,000 & Over	31,410	56,045
Total	615,365	459,020
	dollars	
Average Income	9,839	13,698
Median Income	7,134	11,687

Source: Statistics Canada, *1981 Census*, (92-936).

Note: See note, Table 7.15.

Table 7.17 Sources of Income of Non-Family Persons with Income, Ontario, 1980

			Self-Employment Income			
	Wages & Salaries		Non-farm		Farm	
	Persons	Income	Persons	Income	Persons	Income
	'000's	$ millions	'000's	$ millions	'000's	$ millions
Under $1,000	16.1	11.2	1.5	- 13.4	0.6	- 5.3
1,000 - 1,999	19.8	26.5	0.8	0.5	0.3	—
2,000 - 2,999	21.0	45.8	0.9	1.0	0.3	- 0.4
3,000 - 3,999	21.0	59.9	1.3	2.6	0.3	0.6
4,000 - 4,999	21.7	78.2	1.2	3.0	0.4	0.9
5,000 - 5,999	24.8	106.8	1.7	4.7	0.9	1.7
6,000 - 7,999	46.3	268.0	2.9	11.0	1.1	2.5
8,000 - 9,999	50.9	398.2	2.5	13.2	0.8	2.4
10,000 - 11,999	58.2	571.0	2.6	15.9	0.7	2.6
12,000 - 14,999	90.2	1,105.9	3.2	23.2	0.9	4.1
15,000 - 19,999	115.1	1,838.1	4.6	43.0	1.0	4.7
20,000 - 24,999	71.3	1,457.3	3.1	36.6	0.7	4.5
25,000 & Over	72.7	2,166.8	7.3	197.9	1.7	28.1
Total	629.1	8,133.8	33.7	339.4	9.8	46.2

Table 7.17 (cont'd.)

	Government Transfer Payments					
	Old Age Pensions		Unemployment Insurance		Other	
	Persons	Income	Persons	Income	Persons	Income
	'000's	$ millions	'000's	$ millions	'000's	$ millions
Under $1,000	3.3	2.3	1.6	0.6	5.6	2.3
1,000 - 1,999	3.2	4.2	2.1	2.3	5.1	6.0
2,000 - 2,999	4.9	9.4	2.8	4.0	11.5	24.1
3,000 - 3,999	5.9	13.6	3.5	5.9	12.8	34.8
4,000 - 4,999	35.3	147.9	4.5	8.8	23.5	35.5
5,000 - 5,999	126.7	535.1	5.4	10.9	89.0	79.9
6,000 - 7,999	52.6	183.5	10.8	23.0	18.8	35.4
8,000 - 9,999	30.3	97.9	10.1	19.7	10.6	29.4
10,000 - 11,999	20.9	65.8	8.1	15.2	7.5	24.2
12,000 - 14,999	22.4	67.8	9.0	15.5	7.7	24.8
15,000 - 19,999	21.1	63.3	9.2	15.2	7.4	20.6
20,000 - 24,999	10.3	30.1	3.9	5.6	4.1	12.3
25,000 & Over	15.0	45.6	2.2	3.4	3.7	11.3
Total	351.9	1,266.4	73.1	130.2	207.3	340.6

Table 7.17 (cont'd.)

	Investment Income		Retirement Pensions & Other Income		All Sources	
	Persons	Income	Persons	Income	Persons	Income
	'000's	$ millions	'000's	$ millions	'000's	$ millions
Under $1,000	5.8	- 4.2	1.6	1.1	30.2	- 5.4
1,000 - 1,999	4.4	3.1	1.3	1.4	30.2	44.0
2,000 - 2,999	5.8	4.4	2.2	3.2	37.3	91.6
3,000 - 3,999	6.6	7.6	3.1	5.6	38.4	130.6
4,000 - 4,999	13.8	11.4	5.3	7.7	64.6	293.4
5,000 - 5,999	52.3	59.9	23.0	28.7	153.8	827.7
6,000 - 7,999	46.4	106.2	25.5	60.2	100.7	689.8
8,000 - 9,999	34.9	104.7	18.4	58.0	81.5	723.4
10,000 - 11,999	31.3	102.9	14.6	55.2	78.9	852.8
12,000 - 14,999	44.1	148.0	16.7	71.9	110.2	1,461.2
15,000 - 19,999	56.9	206.3	17.9	91.2	133.3	2,282.4
20,000 - 24,999	38.9	161.9	9.7	56.3	80.4	1,764.7
25,000 & Over	57.4	610.1	13.5	123.0	87.5	3,186.3
Total	398.5	1,522.4	152.9	563.5	1,027.0	12,342.5

Source: Statistics Canada, *1981 Census*, (92-936).

Notes: 1. The category Persons refers to non-family persons reporting income for each source.
2. For definition of non-family persons, see note, Table 7.15.
3. For definitions of sources of income, see Table 7.14, notes 3 to 8.

Table 7.18 Income Distribution of Economic Families, Ontario and Other Regions of Canada, 1980

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Without Income	4.5	0.6	3.9	4.2	13.0	34.2
Under $5,000	88.5	26.6	70.5	74.3	259.8	34.0
5,000 - 9,999	172.5	78.0	192.4	158.7	601.5	28.7
10,000 - 14,999	236.3	89.8	210.5	198.0	734.5	32.2
15,000 - 19,999	268.2	91.3	236.2	205.4	801.1	33.5
20,000 - 24,999	325.5	83.9	248.6	236.7	894.6	36.4
25,000 - 34,999	569.7	109.9	372.8	432.5	1,485.0	38.4
35,000 & Over	628.0	81.4	368.2	529.9	1,607.6	39.1
Total	2,293.2	561.4	1,703.1	1,839.5	6,397.2	35.8

Source: Statistics Canada, *Census of Canada*.

Note: For definition of economic family, see Table 7.7, note 1.

Table 7.19 Average Annual Family Expenditure on Selected Items, Ontario and Other Regions of Canada, 1978

	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			dollars			
Food	3,222	2,989	3,383	2,959	3,116	3,189
Prepared at Home	2,550	2,601	2,729	2,401	2,511	2,572
In Restaurants	640	349	625	527	559	583
Shelter	3,397	2,427	2,824	2,869	3,256	3,061
Rented Quarters	929	449	862	763	859	835
Owned Quarters	1,644	1,078	1,214	1,365	1,644	1,437
Mortgage Interest	749	446	519	665	853	661
Water, Fuel & Electricity	642	809	586	594	589	627
Household Operation	828	773	735	757	782	782
Communications	257	248	217	258	263	247
Child Care	73	108	86	72	75	80
Household Furnishings & Equipment	896	724	842	883	927	868
Furniture	290	227	248	293	340	280
Appliances	171	174	193	204	178	183
Clothing	1,336	1,173	1,429	1,220	1,089	1,299
Personal Care	340	273	314	298	273	313
Personal Care Services	136	96	132	114	108	125
Medical & Health Care	469	256	290	330	360	368
Insurance Premiums	239	64	63	92	142	142
Dental Care	113	67	90	102	98	99
Prescribed Medicines	41	51	52	51	39	46
Tobacco and Alcohol	649	499	677	533	557	614
Tobacco Products and Supplies	252	258	311	201	206	254
Alcoholic Beverages	397	241	366	331	351	360
Transportation	2,484	2,276	2,316	2,463	2,544	2,426
Car Purchase	845	812	799	809	755	814
Gasoline	532	554	492	504	494	515
Local & Commuter Transit	98	50	131	56	59	91

Table 7.19 (cont'd.)

	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			dollars			
Recreation, Reading & Education	1,211	943	1,061	1,191	1,484	1,177
Outdoor Recreation	249	285	227	316	522	289
Home Entertainment	232	183	199	207	246	217
Newspapers, Magazines & Books	1,112	85	124	93	101	108
Tuition Fees	94	49	62	58	76	74
Miscellaneous	462	426	448	495	473	462
Interest on Personal Loans	170	206	165	199	161	175
Lottery & Raffle Tickets	72	66	87	53	67	72
Personal Taxes, Security & Gifts	4,586	3,359	4,554	4,432	4,839	4,477
Life Insurance	182	126	214	150	141	176
Retirement/Pension Payments	431	377	453	403	413	425
Personal Taxes	3,253	2,218	3,444	3,009	3,579	3,212
Total Expenditure	19,879	16,118	18,873	18,430	19,700	19,034
Income Before Taxes	20,465	16,351	19,267	19,272	20,297	19,583
Other Money Receipts	757	501	535	694	744	665
Net Change in Assets & Liabilities	1,454	714	814	1,528	1,333	1,221

Source: Statistics Canada, *Family Expenditure in Canada*, (62-551).

Notes: 1. The family or spending unit is defined as a) a group of persons dependent on a common or pooled income for major expenditure items and living in the same dwelling, or b) a financially independent individual living alone.

2. Income Before Taxes includes gross income from wages and salaries, net income from self-employment (excluding farm income in kind), military pay and allowances, gross receipts from roomers and boarders, net rentals, family allowances, interest and dividends, pensions, workmen's compensation, unemployment insurance benefits, social assistance, income supplements, and miscellaneous regular income receipts.

3. Other Money Receipts include inheritances, bequests, lump sum settlements from property insurance, accident and health policies, money gifts from outside the spending unit and income tax refunds.

4. Net Change in Assets and Liabilities refers to net changes in bank accounts, money on hand or owed, stocks and bonds (excluding changes in market value), property held, investments in real estate and business, in loans, installment purchases, charge accounts and other bills, rents and taxes. Also included are contributions to and withdrawals from registered retirement savings plans and additions and major alterations to the home.

5. Income Before Taxes plus Other Money Receipts less Total Expenditure will not equal Net Change in Assets and Liabilities. Respondents were not expected to balance their accounts exactly. Responses which did not balance with a 10% margin were excluded from the results.

Table 7.20 **Average Annual Expenditure for Families of Two or More Persons, Ontario and Other Regions of Canada, 1978**

	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			dollars			
Food	3,598	3,251	3,712	3,286	3,485	3,533
Shelter	3,649	2,568	3,013	3,085	3,513	3,275
Household Operation	912	837	802	836	866	858
Household Furnishings & Equipment	1,006	789	943	993	1,045	972
Clothing	1,512	1,301	1,591	1,383	1,237	1,462
Personal Care	377	296	342	329	308	345
Medical & Health Care	528	275	312	372	403	408
Tobacco & Alcohol	711	539	730	569	590	664
Transportation	2,836	2,508	2,581	2,745	2,889	2,730
Recreation, Reading & Education	1,362	1,035	1,145	1,316	1,618	1,296
Miscellaneous	508	461	488	544	518	505
Personal Taxes, Security & Gifts	5,153	3,643	5,013	4,951	5,426	4,977
Total Expenditure	22,151	17,504	20,673	20,408	21,897	21,025
Income Before Taxes	22,865	17,754	21,146	21,422	22,712	21,694
Other Money Receipts	814	528	586	768	810	720
Net Change in Assets & Liabilities	1,640	751	919	1,764	1,587	1,383

Source: Statistics Canada, *Family Expenditure in Canada*, (62-551).

Note: See notes, Table 7.19.

Table 7.21 Average Annual Family Expenditure by Family Income, Ontario, 1978

	Under $6,000	$6,000 – 7,999	$8.000 – 11,999	$12,000 – 15,999	$16,000 – 19,999	$20,000 – 24,999	$25,000 & Over	Total
				dollars				
Food	1,215	1,918	2,156	2,752	3,153	3,618	4,528	3,222
Shelter	1,600	2,013	2,450	2,813	3,507	3,719	4,612	3,397
Household Operation	341	475	585	671	788	878	1,200	828
Household Furnishings & Equipment	237	420	499	662	864	1,057	1,371	896
Clothing	279	508	664	940	1,172	1,499	2,234	1,336
Personal Care	115	177	206	286	328	400	489	340
Medical & Health Care	117	247	331	442	476	530	653	469
Tobacco & Alcohol	197	299	436	594	674	710	919	649
Transportation	490	1,008	1,360	2,173	2,133	2,849	3,924	2,484
Recreation, Reading & Education	320	385	535	784	970	1,308	2,140	1,211
Miscellaneous	150	161	268	408	444	469	718	462
Personal Taxes, Security & Gifts	311	672	1,330	2,608	3,533	4,856	9,065	4,586
Total Expenditure	5,372	8,282	10,819	15,133	18,042	21,893	31,852	19,879
Income Before Taxes	4,135	7,005	9,868	14,033	17,839	22,333	35,069	20,465
Other Money Receipts	700	660	477	545	842	646	1,002	757
Net Change in Assets & Liabilities	– 427	– 564	– 282	– 225	908	1,278	4,112	1,454

Source: Statistics Canada, *Family Expenditure in Canada*, (62-551).

Note: See notes, Table 7.19.

Table 7.22 Average Annual Expenditure by Family Income for Families of Two or More Persons, Ontario, 1978

	Under $8,000	$8,000 – 11,999	$12,000 – 15,999	$16,000 – 19,999	$20,000 – 24,999	$25,000 – 29,999	$30,000 & Over	Total
				dollars				
Food	1,943	2,403	3,022	3,232	3,718	4,116	4,869	3,598
Shelter	1,983	2,411	2,803	3,577	3,742	4,169	4,899	3,649
Household Operation	506	606	709	806	889	1,101	1,277	912
Household Furnishings & Equipment	445	515	677	887	1,085	1,339	1,402	1,006
Clothing	480	641	974	1,210	1,532	1,821	2,566	1,512
Personal Care	168	210	287	343	412	421	542	377
Medical & Health Care	232	344	475	509	543	556	732	528
Tobacco & Alcohol	332	427	619	661	704	800	1,010	711
Transportation	1,125	1,428	2,272	2,156	2,946	3,587	4,284	2,836
Recreation, Reading & Education	463	460	795	980	1,339	1,655	2,503	1,362
Miscellaneous	187	257	425	439	480	584	805	508
Personal Taxes, Security & Gifts	463	1,131	2,417	3,407	4,787	6,348	10,937	5,153
Total Expenditure	8,327	10,833	15,474	18,207	22,176	26,496	35,826	22,151
Income before Taxes	6,123	9,954	14,110	17,847	22,328	27,421	40,592	28,865
Other Money Receipts	1,151	432	570	901	653	576	1,229	814
Net Change in Assets & Liabilities	– 873	– 258	– 498	758	1,055	1,696	5,699	1,640

Source: Statistics Canada, *Family Expenditure in Canada*, (62-551).

Note: See notes, Table 7.19.

Table 7.23 Average Annual Family Expenditure by Family Size, Ontario, 1978

	One Person	Two Persons	Three Persons	Four Persons	Five or More Persons	Total
			dollars			
Food	1,616	2,678	3,474	3,984	4,748	3,222
Shelter	2,325	3,146	3,492	3,949	4,263	3,397
Household Operation	471	707	963	1,009	1,079	828
Household Furnishings & Equipment	426	852	991	1,073	1,190	896
Clothing	586	1,005	1,499	1,707	2,111	1,336
Personal Care	182	298	359	411	482	340
Medical & Health Care	217	419	471	580	699	469
Tobacco & Alcohol	382	649	768	682	787	649
Transportation	984	2,235	3,029	3,037	3,374	2,484
Recreation, Reading & Education	566	1,048	1,287	1,525	1,752	1,211
Miscellaneous	266	367	544	571	624	462
Personal Taxes, Security & Gifts	2,171	4,091	4,947	5,996	6,084	4,586
Total Expenditure	10,192	17,495	21,822	24,524	27,192	19,879
Income Before Taxes	10,232	18,604	22,136	25,193	27,719	20,465
Other Money Receipts	513	578	811	978	1,006	757
Net Change in Assets & Liabilities	661	1,672	1,405	1,872	1,556	1,454

Source: Statistics Canada, *Family Expenditure in Canada*, (62-551).

Note: See notes, Table 7.19.

Table 7.24 Average Annual Family Expenditure by Homeownership Status, Ontario, 1978

	All Families				Families of Two or More Persons			
	Home-owners Without Mortgage	Home-owners With Mortgage	All Home-owners	Tenants	Home-owners Without Mortgage	Home-owners With Mortgage	All Home-owners	Tenants
				dollars				
Food	3,018	4,014	3,553	2,702	3,381	4,063	3,774	3,225
Shelter	2,269	4,844	3,652	2,953	2,377	4,875	3,814	3,148
Rented Quarters	...	...	...	2,583	...	...	...	2,715
Owned Quarters	1,197	3,684	2,533	...	1,253	3,705	2,663	...
Other Accommodation	199	231	216	139	219	233	227	138
Water, Fuel & Electricity	874	904	890	224	904	916	911	288
Household Operation	675	1,031	866	776	741	1,042	914	912
Household Furnishings & Equipment	793	1,135	976	717	915	1,149	1,049	835
Furniture	244	347	299	264	286	348	322	310
Appliances	159	214	188	121	183	217	202	156
Other	390	574	489	333	446	585	526	369
Clothing	1,191	1,744	1,488	1,114	1,389	1,774	1,611	1,310
Personal Care	303	414	363	312	347	422	390	353
Medical & Health Care	434	594	520	391	492	601	555	468
Tobacco & Alcohol	487	755	631	694	561	759	675	818
Transportation	2,740	3,008	2,884	1,831	3,177	3,054	3,106	2,193
Recreation, Reading & Education	1,066	1,594	1,349	1,023	1,236	1,606	1,449	1,213
Miscellaneous	405	598	509	374	444	592	529	431
Personal Taxes, Security & Gifts	4,168	6,412	5,373	3,232	4,820	6,452	5,759	3,625
Total Expenditure	17,548	26,143	22,165	16,119	19,879	26,390	23,624	18,531
Income Before Taxes	19,256	26,984	23,407	15,675	21,813	27,215	24,920	17,967
Other Money Receipts	652	904	787	752	736	884	821	836
Net Change in Assets & Liabilities	2,297	1,948	2,110	454	2,604	1,930	2,216	388

Source: Statistics Canada, *Family Expenditure in Canda*, (62-551).

Note: See notes, Table 7.19.

Chapter 8
Housing

Housing

The private and public sectors both play important roles in the housing industry. The private sector is largely responsible for construction and manages the bulk of rental properties. In support of the private sector's role, all three levels of government have a range of policies and programs aimed at enhancing the availability, accessibility and quality of housing. In addition, governments are involved directly in the production and management of social housing. The main areas of federal involvement are public housing, land banking and servicing, residential rehabilitation, home ownership assistance and home insulation, with many of these programs operated jointly with the Provincial and local governments. Through the Ministry of Municipal Affairs and Housing, the Ontario government plans, finances, manages and markets some 28,000 hectares of provincially owned land. In addition to participating in Federal/Provincial housing projects, municipalities establish planning policy and zoning by-laws.

Data in this chapter describe the housing stock in terms of number and type of units, tenure, condition and social housing. Information on population, family and household formation, and income are presented in Chapters 3, 4 and 7, respectively, while data on housing construction are covered in Chapter 21, Construction.

Sources of Data

The main sources of data are:

- Census of Canada;
- Statistics Canada's Household Facilities and Equipment Survey;
- assessment file of the Ontario Ministry of Revenue;
- administrative records of the Ministry of Municipal Affairs and Housing (MAH).

A detailed description of the census can be found in Chapter 3, Population. The 1941 Census was the first to include housing data. The census provides information on the total number of private dwellings, both occupied and vacant, by tenure, structural type and urban or rural locality. A private dwelling is defined as a structurally separate set of living quarters with a private entrance which may be occupied by one or more persons. Recreational dwellings that are not occupied on a permanent basis are excluded. However, a small number of seasonal or marginal dwellings that are occupied on a year-round basis are included in the housing stock. The data are published in *Occupied Private Dwellings*, (92-903) and *Unoccupied Private Dwellings: Limitations to the Data*, (93-X-901). Household information is published in *Private Households*, (92-933). A household is a person or a group of persons occupying a dwelling unit. The number of households therefore equals the number of occupied dwellings. The 1981 data are based on a 20 per cent sample and include information on length of occupancy, and selected dwelling characteristics such as rooms per dwelling, persons per dwelling, gross rent and owners' major payments. Further information on the census can be obtained from the Census Division of Statistics Canada, telephone Ottawa, 990-8116. Aggregate data are available on CANSIM.

The annual Household Facilities and Equipment Survey collects a wide range of housing data on dwelling types, tenure, and facilities and equipment associated with dwellings. The items of data collected may vary from year to year. The survey has been conducted since 1953 as a supplement to the Labour Force Survey. In 1983, some 35,000 households across Canada were included. Households on Indian Reserves and Crown lands, and persons in institutions, military camps and collective households are excuded. The census is used to benchmark the total number of households. The data are published in *Household Facilities and Equipment*, (64-202). Additional information can be obtained from the Consumer Income and Expenditure Division of Statistics Canada, telephone Ottawa, 990-9775.

Data on number of dwellings assessed for property tax purposes are collected by the Ministry of Revenue and are accessible through the Municipal Analysis and Retrieval System (MARS) database operated by the Ministry of Municipal Affairs and Housing. A description of the assessment data is given in Chapter 2, Land Use. The number of assessed dwelling units is different from Statistics Canada's dwelling counts due to differences in definition, methods of collection and timing. Enquiries regarding these data should be directed to the Financial Information Section of the Ministry of Municipal Affairs and Housing, telephone Toronto, 585-7223.

The Ministry of Municipal Affairs and Housing provides information on dwellings covered by a number of government social housing programs such as assisted rentals, rural and native housing and geared-to-income housing. This Ministry also collects data on the number of existing units converted from rental to condominium ownership. In addition to the information presented in this chapter, the Ministry carries out annual surveys on the rental market and on home ownership in seven Ontario cities. Further information on the housing program data and the two surveys can be obtained from the Corporate Planning and Evaluation Branch of the Ministry of Municipal Affairs and Housing, telephone Toronto, 585-6800.

The Canada Mortgage and Housing Corporation (CMHC) compiles housing data and publishes an annual document entitled *Canadian Housing Statistics*. The data are derived largely from Statistics Canada and other sources. CMHC undertakes a large number of in-house and specially commissioned housing studies. A list of the research projects and studies is published quarterly in *Research Reports and Projects*. A document entitled *CMHC Publications* is issued on an occasional basis. For further information, contact the Canadian Housing Information Centre, CMHC, telephone Ottawa, 748-2367.

Housing

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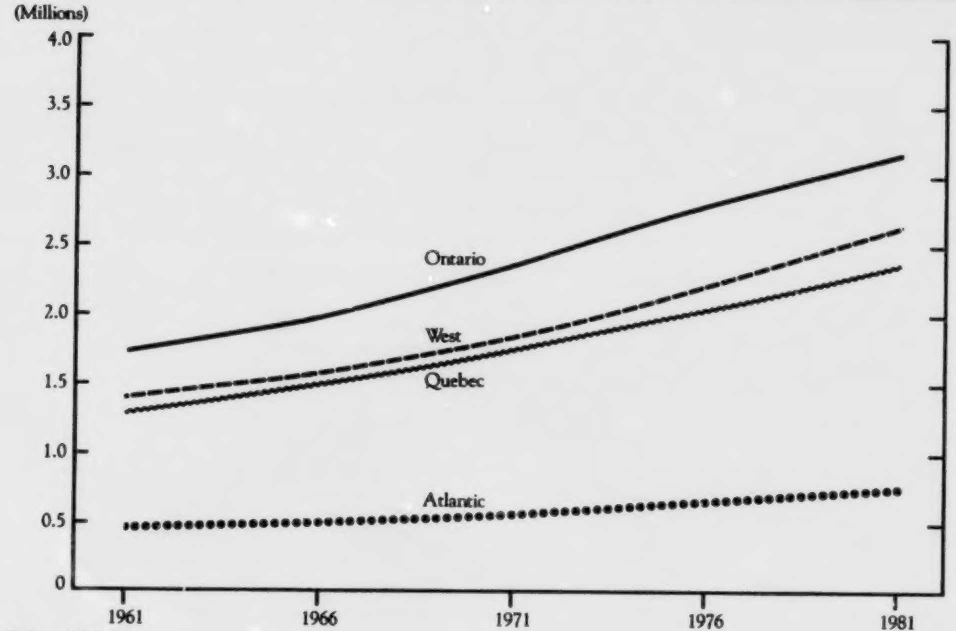
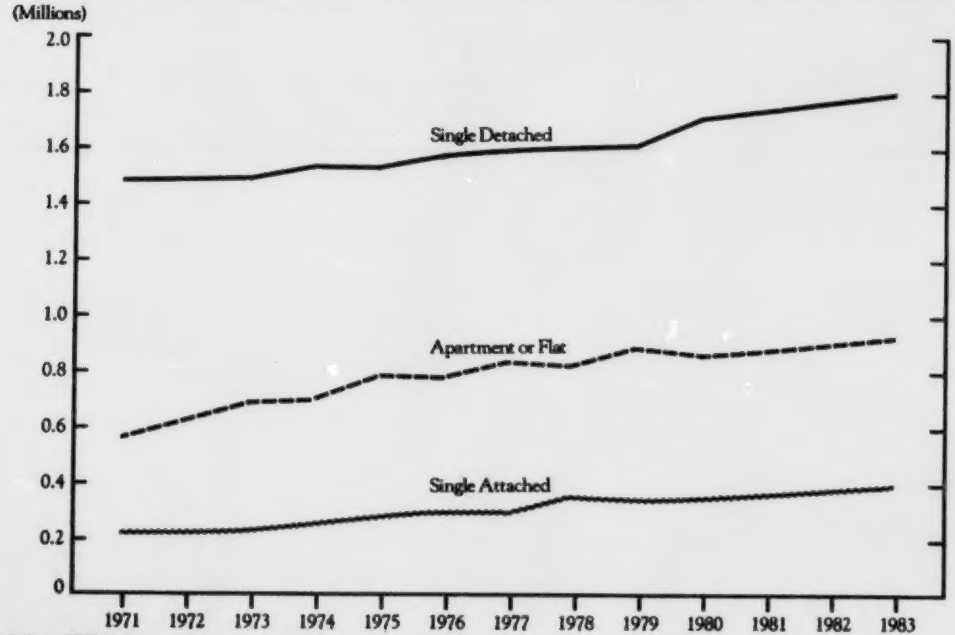
Chart 8.1 Housing Stock, Ontario and Other Regions of Canada, Census Years, 1961 to 1981



Refer to Table 8.1

Chart 8.2 Dwellings by Type, Ontario, 1971 to 1983



Refer to Table 8.3

Chart 8.3 Dwellings by Selected Characteristics, Ontario and Other Provinces of Canada, Census Year, 1981

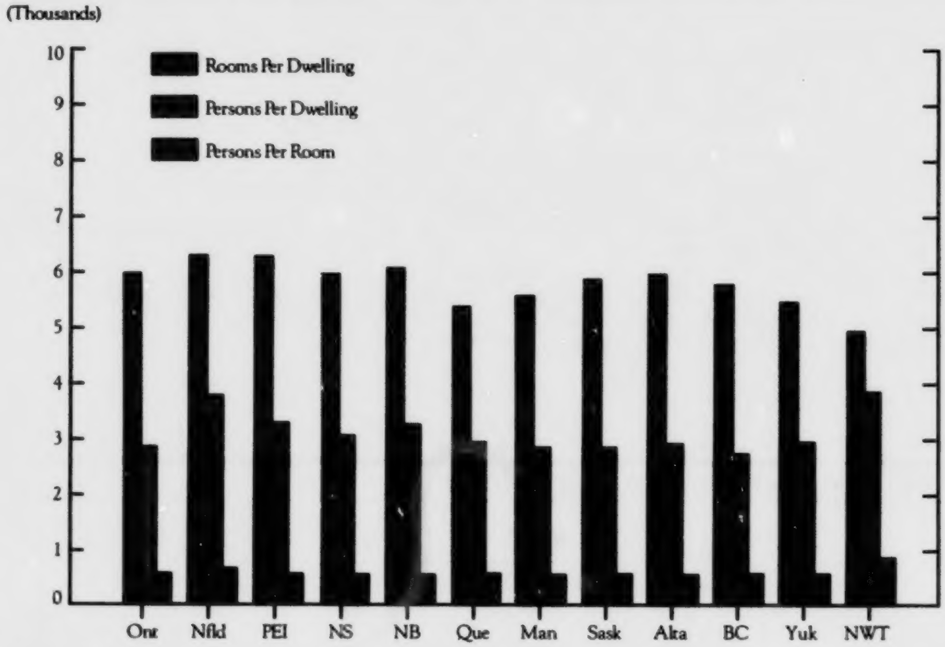


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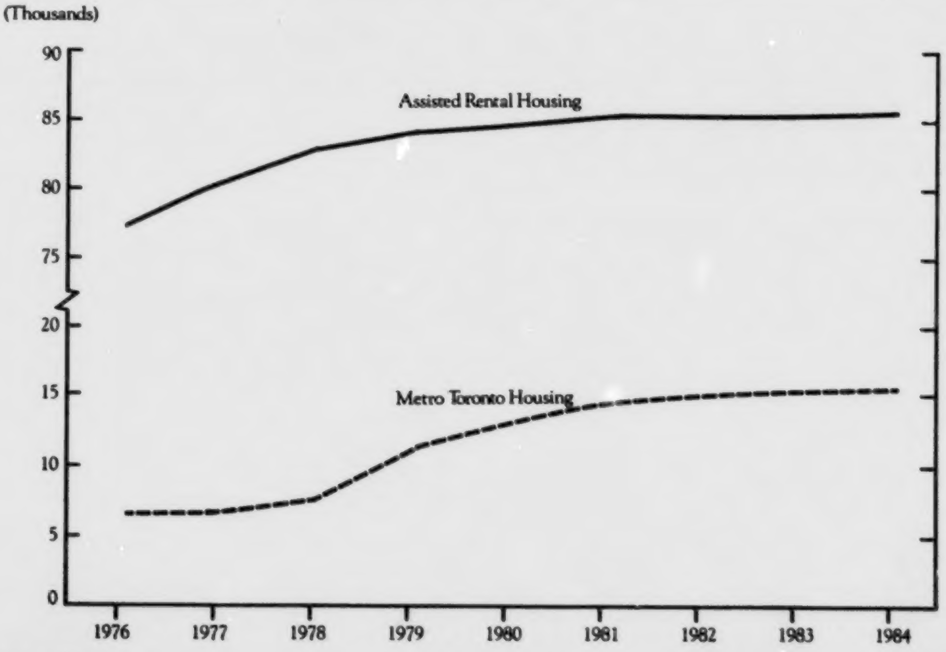
Chart 8.4 Geared-to-Income Housing Units, Ontario, 1976 to 1984



Refer to Table 8.22

Table 8.1 Housing Stock, Ontario and Other Regions of Canada, Census Years, 1951 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1981	3,119.7	715.1	2,316.7	2,605.2	8,756.7	35.6
1976	2,768.2	636.3	1,992.5	2,153.9	7,550.9	36.7
1971	2,311.9	526.6	1,691.6	1,794.6	6,324.7	36.6
1966	1,941.3	475.9	1,450.1	1,535.2	5,402.5	35.9
1961	1,699.9	439.5	1,244.1	1,361.2	4,744.7	35.8
1951	1,208.2	376.4	883.4	1,054.2	3,522.2	34.3

Sources: Statistics Canada, *Census of Canada*.
Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Notes:
1. The sum of all private dwelling units (including vacancies) in a given area on Census Day comprises the housing stock of that area.
2. In 1951, the Yukon and Northwest Territories were excluded.
3. Recreational dwellings which are not occupied on a permanent basis are excluded.

Table 8.2 Assessed Dwellings, Ontario, 1976 to 1982

Year	Dwellings				
	Residential	Farm	OHC	Recreational	Total
			'000's		
1982	2,952.0	116.8	88.9	171.9	3,329.7
1981	2,910.3	118.6	87.6	171.4	3,288.0
1980	2,854.8	121.6	99.4	170.0	3,245.8
1979	2,818.2	124.0	94.3	162.6	3,199.1
1978	2,760.5	125.5	91.7	157.5	3,135.3
1977	2,683.0	126.9	85.3	156.4	3,051.6
1976	2,601.1	129.4	80.2	151.8	2,962.6

Source: Ministry of Municipal Affairs and Housing, Municipal Analysis and Retrieval System, (MARS).

Notes:
1. Data are for separately assessed dwelling units on the assessment roll as of December 31 of year shown.
2. Data refer to dwellings in organized municipalities only.
3. Residential includes all dwellings suitable for year round occupancy but excludes those on farms and those owned by Ontario Housing Corporation, (OHC).
4. Farm refers to dwellings on properties which are farmed.
5. OHC dwelling units are owned by the Ontario Housing Corporation.
6. Recreational Dwellings includes cottages not used for year round occupancy.

Table 8.3 Dwellings by Type, Ontario Compared to Canada, Selected Years, 1956 to 1983

	Single Detached		Single Attached		Apartment or Flat	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	'000's		'000's		'000's	
1983	1,786	36.3	380	51.1	912	32.6
1982	1,756	36.6	355	48.0	892	32.8
1981[r]	1,724	36.6	353	51.0	861	32.8
1980[r]	1,697	36.9	327	50.9	849	33.4
1979[r]	1,597	36.4	332	54.1	876	34.1
1978[r]	1,593	37.1	342	55.1	810	33.2
1977[r]	1,581	37.3	271	48.4	822	34.9
1976	1,556	38.4	287	47.4	763	33.3
1975	1,505	37.7	251	54.8	767	33.8
1974	1,516	38.2	240	50.7	683	32.9
1973	1,470	38.3	213	50.7	670	32.8
1972	1,469	38.6	204	45.7	602	32.3
1971	1,461	39.3	201	48.3	545	30.3
1966[r]	1,311	38.7	154	48.7	404	28.5
1961[r]	1,142	38.9	152	50.8	336	26.3
1956	981	36.4	153	46.9	236	24.8

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Notes:
1. A dwelling is defined as a structurally separate set of living premises with private entrance from outside the building, or from a common hallway or stairway inside. A private dwelling is one in which one person, a family or other small group of individuals may reside, such as a single house, apartment, etc.
2. A single detached dwelling (commonly called a single house) is a house containing one dwelling unit and completely separated on all sides from any other building or structure.
3. Each half of a semi-detached or double house or each section of a row or terrace is defined as a single attached dwelling.
4. Apartment or Flat includes: (a) dwelling units in apartment blocks or apartment hotels; (b) suites in duplexes or triplexes where the division between dwelling units is horizontal; (c) suites in structurally converted houses; (d) living quarters located above or in the rear of stores, restaurants, garages or other business premises; (e) janitors quarters in schools, churches, warehouses, etc; and (f) private quarters for employees in hospitals or other types of institutions.

Table 8.4 **Private Dwellings by Tenure, Urban and Rural, Ontario and Other Regions of Canada, 1981**

		Rural		
	Urban	Non-farm	Farm	Total
		'000's		
Ontario				
Owned	1,469	339	70	1,879
Rented	1,013	74	4	1,091
Atlantic				
Owned	237	253	11	501
Rented	141	31	—	173
Quebec				
Owned	808	308	41	1,157
Rented	943	71	1	1,015
West				
Owned	1,136	334	134	1,604
Rented	758	95	8	860
Canada				
Owned	3,650	1,234	257	5,142
Rented	2,856	270	13	3,140
Ontario % of Canada				
Owned	40.3	27.5	27.2	36.5
Rented	35.5	27.2	31.7	34.7

Source: Statistics Canada, *Census of Canada, Occupied Private Dwellings*, (92-903).

Notes:
1. Data in this table are for occupied private dwellings. An occupied private dwelling is one in which a person or group of persons is permanently residing. Also included are private dwellings whose usual residents are temporarily absent on Census Day.
2. A dwelling is classified as Owned even if it is not fully paid for, such as one which has a mortgage or some other claim on it. The dwelling may be situated on rented or leased land or be part of a condominium (whether registered or unregistered).
3. A dwelling is classified as Rented even if it is provided without cash rent or at a reduced rent, or if the dwelling is part of a co-operative. For census purposes, in a co-operative all members jointly own the co-operative and occupy their dwelling units under a lease agreement.
4. Urban refers to an area having a population concentration of 1,000 or more and a population density of 400 or more per square kilometre.
5. Rural refers to all territory lying outside urban areas.
6. Census Farm refers to any agricultural holding with sales of agricultural products, during the 12 month period prior to the census of $250 or more.

Table 8.5 **Private Dwellings by Tenure and Length of Occupancy, Ontario and Other Regions of Canada, 1981**

	Years					
	Less Than 1	1 - 2	3 - 5	6 - 10	More Than 10	Total
			'000's			
Ontario						
Owned	145	221	365	350	798	1,879
Rented	343	290	235	133	90	1,091
Atlantic						
Owned	31	49	87	93	242	501
Rented	61	44	35	18	15	173
Quebec						
Owned	80	137	241	223	476	1,157
Rented	262	273	216	127	138	1,015
West						
Owned	192	240	335	291	546	1,604
Rented	354	229	154	76	48	860
Canada						
Owned	448	646	1,028	957	2,062	5,142
Rented	1,020	835	640	354	290	3,140
Ontario % of Canada						
Owned	32.4	34.1	35.5	36.5	38.7	36.5
Rented	33.6	34.7	36.7	37.6	30.9	34.7

Source: Statistics Canada, *Census of Canada, Private Households*, (92-933).

Note: See Table 8.4, notes 1, 2 and 3.

Table 8.6 **Dwelling Conversions to Condominium, Ontario, 1975 to 1982**

Year	Units
	#
1982	236
1981	324
1980	673
1979	915
1978	784
1977	2,151
1976	2,190
1975	586

Sources: Ministry of Municipal Affairs and Housing.
Various regional municipalities.

Note: Data refer to existing units converted from rental to ownership.

Table 8.7 **Occupied Private Dwellings by Structural Type and Tenure, Ontario, 1981**

	Owned	Rented	Total
		'000's	
Single Detached	1,528	163	1,691
Single Attached			
Semi-Detached	164	52	216
Row House	67	87	154
Attached to a Non-Residential Building	6	8	15
Total	237	147	384
Duplex	28	50	78
Apartment Less Than Five Stories	19	292	311
Apartment More Than Five Stories	47	434	481
Movable Dwellings	21	4	25
Total	1,879	1,091	2,970

Source: Statistics Canada, *Census of Canada, Occupied Private Dwellings*, (92-903).

Notes: 1. Movable Dwellings includes mobile homes, houseboats and railroad cars.
2. See Table 8.4, notes 1, 2 and 3.

Table 8.8 Dwellings by Tenure, Ontario Compared to Canada, Selected Years, 1956 to 1983

	Owned							
	With Mortgage		Without Mortgage		Rented		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	'000's		'000's		'000's		'000's	
1983	1,000	38.1	968	36.4	1,110	34.9	3,078	36.4
1982	1,087	38.2	838	35.9	1,078	35.0	3,003	36.4
1981^{r}	1,068	38.9	846	35.8	1,024	35.1	2,938	36.6
1980^{r}	1,088	38.9	788	36.4	997	35.3	2,873	36.9
1979^{r}	1,813	37.9	..	..	993	35.6	2,806	37.1
1978^{r}	1,800	38.7	..	..	945	34.9	2,745	37.3
1977^{r}	1,763	38.3	..	..	911	35.6	2,673	37.3
1976	1,711	39.4	..	..	896	34.3	2,606	37.5
1975	1,606	38.6	..	..	917	35.8	2,523	37.5
1974	1,597	39.0	..	..	842	34.8	2,440	37.5
1973	1,534	38.8	..	..	819	34.9	2,354	37.4
1972	1,494	39.0	..	..	781	34.2	2,275	37.2
1971	1,483	39.3	..	..	725	33.6	2,208	37.2
1966^{r}	1,328	39.1	..	..	541	31.2	1,869	36.5
1961^{r}	1,171	38.9	..	..	459	30.6	1,630	36.1
1956	1,005	37.4	..	..	365	28.3	1,370	34.5

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Notes: 1. A person or group of persons occupying one dwelling unit is defined as a household. The number of households will therefore be equal to the number of occupied dwellings. The person or persons occupying a private dwelling form a private household.

2. Rented dwellings include those dwellings: (a) occupied rent-free or under share-cropping agreements; (b) for which rent was paid in kind or in services; (c) for which rent also includes rent for business premises.

3. For all years up to and including 1960, figures shown under With Mortgage include all owned dwellings.

Table 8.9 Dwellings by Selected Characteristics, Ontario and Other Provinces of Canada, 1981

	Average							
	Rooms per Dwelling	Persons per Dwelling	Persons per Room	Gross Rent	Owner's Major Payments	House-hold Income	Median Length of Occupancy	Total Occupied Private Dwellings
	number			dollars			years	'000's
Ontario	5.9	2.8	0.5	303	380	25,577	5	2,969.8
Newfoundland	6.2	3.7	0.6	266	236	21,198	8	148.4
Prince Edward Island	6.2	3.2	0.5	265	266	19,338	7	37.7
Nova Scotia	5.9	3.0	0.5	268	284	20,476	6	273.2
New Brunswick	6.0	3.2	0.5	252	262	20,112	6	214.9
Quebec	5.3	2.9	0.5	262	356	22,869	5	2,172.9
Manitoba	5.5	2.8	0.5	266	307	21,721	5	358.0
Saskatchewan	5.8	2.8	0.5	267	301	22,637	5	332.7
Alberta	5.9	2.9	0.5	384	463	27,969	3	758.2
British Columbia	5.7	2.7	0.5	340	400	26,171	4	996.6
Yukon	5.4	2.9	0.5	309	457	29,807	2	7.6
Northwest Territories	4.9	3.8	0.8	202	407	26,359	2	11.5
Canada	5.7	2.9	0.5	296	367	24,460	5	8,281.5

Source: Statistics Canada, *Census of Canada, Private Households*, (92-933).

Notes: 1. Data are based on 20% sample.

2. Average Gross Rent applies to tenant-occupied, non-farm dwellings only and refers to the total average monthly payments paid by tenant households to secure shelter (i.e. fuel, water, other municipal services and monthly cash rent).

3. Average Owner's Major Payments applies to owner-occupied, non-farm dwellings only and refers to the total average monthly payments made by owner households to secure shelter (i.e. fuel, water, other municipal services, monthly mortgage payments and property taxes).

Table 8.10 Dwellings by Number of Rooms, Ontario, Selected Years, 1956 to 1983

Year	One - Three	Four	Five	Six	Seven +	Total
			'000's			
1983	360	401	588	704	1,025	3,078
1982	362	393	541	678	1,028	3,003
1981[r]	329	386	541	688	994	2,938
1980[r]	323	398	563	672	916	2,873
1979[r]	352	405	544	650	853	2,806
1978[r]	326	424	531	659	804	2,745
1977[r]	338	383	551	628	774	2,673
1976	283	383	583	610	746	2,606
1975	323	370	564	617	648	2,523
1974	293	354	532	614	645	2,440
1973	299	354	513	586	603	2,354
1972	261	347	528	566	573	2,275
1971	242	331	514	572	550	2,208
1966[r]	167	262	447	520	473	1,869
1961[r]	157	236	381	465	391	1,630
1956	133	216	293	369	359	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Note: In determining the number of rooms in a dwelling, only those rooms used or suitable for living purposes, including rooms occupied by servants, lodgers, or members of lodging families are counted. The following are not counted as rooms: bathrooms, pantries, halls, clothes closets and rooms used solely for business purposes. Summer kitchens, sunrooms, rooms in basements or attics are not counted unless they were finished and suitable for living quarters throughout the year. Kitchenettes are counted if the normal kitchen functions are carried out therein and if they contain, as a minimum, cooking facilities such as a stove or range, and a sink or tub.

Table 8.11 Dwellings by Number of Bedrooms, Ontario, Selected Years, 1961 to 1983

Year	None	One	Two	Three	Four +	Total
			'000's			
1983	64	443	760	1,281	529	3,078
1982	70	438	716	1,270	508	3,003
1981[r]	58	403	726	1,250	502	2,938
1980[r]	54	421	712	1,236	451	2,873
1979[r]	62	420	714	1,154	455	2,806
1978[r]	69	369	687	1,157	463	2,745
1977[r]	60	384	661	1,096	473	2,673
1976	48	335	669	1,083	472	2,606
1975	51	349	655	1,061	405	2,523
1974	59	315	611	1,049	405	2,440
1973	42	322	600	999	390	2,354
1972	42	304	571	967	391	2,275
1971	41	265	561	964	376	2,208
1966[r]	19	190	497	838	325	1,869
1961[r]	26	162	454	706	282	1,630

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Note: Bedrooms include all rooms furnished as bedrooms and used as such, even though the use may be occasional as in the case of a spare bedroom. Bed-sitting rooms, or other such rooms used for sleeping and living are not included. In the case of all one-room dwellings such as bachelor apartments, and of many other small dwellings, no bedroom would be reported.

Table 8.12 Dwellings by Number of Persons, Ontario and Other Regions of Canada, Selected Years, 1956 to 1983

Year	Persons per Dwelling					
	One	Two	Three	Four	Five +	Total
			'000's			
1983						
Ontario	594	950	542	593	399	3,078
Atlantic	103	169	123	139	134	668
Quebec	430	646	441	430	294	2,241
West	538	780	417	439	300	2,474
Canada	1,666	2,545	1,523	1,601	1,125	8,460
Ontario % of Canada	35.7	37.3	35.6	37.0	35.5	36.4
Ontario						
1982	627	858	518	582	418	3,003
1981^r	568	887	497	569	417	2,938
1980^r	542	849	495	556	431	2,873
1979^r	517	836	476	542	435	2,806
1978^r	485	765	483	550	462	2,745
1977^r	460	756	473	506	479	2,673
1976	409	738	463	498	498	2,606
1975	383	753	447	457	483	2,523
1974	364	684	425	464	503	2,440
1973	329	647	417	443	517	2,354
1972	324	593	413	425	518	2,275
1971	251	562	411	416	568	2,208
1966^r	156	449	331	374	559	1,869
1961^r	109	385	307	336	493	1,630
1956	92	333	265	268	412	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Table 8.13 Crowded Dwellings, Ontario and Other Regions of Canada, Census Years, 1951 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1981	57.4	30.9	59.9	63.1	211.2	27.2
1971	150.7	79.2	199.4	140.2	569.5	26.5
1961	194.3	90.0	260.0	206.6	750.9	25.9
1951	151.7	78.3	217.0	194.8	641.8	23.6

Sources: Statistics Canada, *Census of Canada*.
Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Notes: 1. A crowded household has more than one person per room.
2. In 1951, the Yukon and Northwest Territories were excluded.

Table 8.14 Dwellings by Water Supply and Source of Water, Ontario, Selected Years, 1956 to 1983

	Inside Water Supply			Source of Piped Running Water		
Year	Hot & Cold	Cold Only	None	Community Water Main System	Other	Total
				'000's		
1983	3,067	6	5	..	..	3,078
1982	2,986	11	6	..	..	3,003
1981^{r}	2,917	15	6	2,536	396	2,938
1980^{r}	2,855	9	9	2,481	383	2,873
1979^{r}	2,784	10	12	2,407	386	2,806
1978^{r}	2,724	9	12	2,361	373	2,745
1977^{r}	2,650	14	10	2,294	369	2,673
1976	2,570	23	13	2,234	359	2,606
1975	2,481	24	18	2,165	340	2,523
1974	2,373	50	16	2,067	356	2,440
1973	2,269	57	28	1,982	344	2,354
1972	2,178	73	24	1,916	335	2,275
1971	2,140	44	24	1,846	338	2,208
1966^{r}	1,762	62	45	1,527	297	1,869
1961^{r}	1,467	90	73	1,311	246	1,630
1956	1,091	121	158	973	239	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Note: Other Source of Piped Running Water refers to private wells, springs, etc.

Table 8.15 Dwellings with Installed Baths or Showers, Ontario and Other Regions of Canada, Selected Years, 1956 to 1983

Year	None	One	Two or More	Total
		'000's		
1983				
Ontario	17	2,496	564	3,078
Atlantic	22	591	55	668
Quebec	18	1,952	270	2,241
West	40	1,780	654	2,474
Canada	98	6,819	1,543	8,460
Ontario % of Canada	17.3	36.6	36.6	36.4
Ontario				
1982	23	2,503	477	3,003
1981^{r}	29	2,374	536	2,938
1980^{r}	31	2,324	519	2,873
1979^{r}	35	2,279	492	2,806
1978^{r}	44	2,319	382	2,745
1977^{r}	34	2,268	371	2,673
1976	40	2,181	385	2,606
1975	49	2,171	302	2,523
1974	53	2,085	303	2,440
1973	68	2,021	264	2,354
1972	71	1,979	224	2,275
1971	79	1,905	224	2,208
1966^{r}	122	1,747	..	1,869
1961^{r}	181	1,449	..	1,630
1956	289	1,081	..	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Notes: 1. Data on shared use facilities are included in None.
2. In 1956, 1961 and 1966, One should read One or More.

Table 8.16 Dwellings by Toilet Facilities, Ontario and Other Regions of Canada, Selected Years, 1956 to 1983

	Flush Toilets				
Year	None	One	Two	Three or More	Total
			'000's		
1983					
Ontario	12	1,858	995	208	3,078
Atlantic	15	534	102	13	668
Quebec	9	1,713	463	56	2,241
West	24	1,402	755	279	2,474
Canada	60	5,507	2,316	556	8,460
Ontario % of Canada	20.0	33.7	43.0	37.4	36.4
Ontario					
1982	15	1,828	971	186	3,003
1981^r	15	1,832	902	185	2,938
1980^r	17	1,854	870	130	2,873
1979^r	25	1,906	758	115	2,806
1978^r	35	1,844	748	114	2,745
1977^r	20	1,862	666	120	2,673
1976	21	1,820	643	118	2,606
1975	28	1,803	595	90	2,523
1974	27	1,768	565	75	2,440
1973	40	1,728	506	72	2,354
1972	40	1,710	460	61	2,275
1971	46	1,636	453	66	2,208
1966^r	75	1,436	346	..	1,869
1961^r	116	1,325	178	..	1,630
1956	196	1,148	..	..	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Notes: 1. Dwellings with chemical toilets are included in Total only.

2. In 1961 and 1966, Two should read Two or More; in 1956, One should read One or More.

3. In 1956, 28,000 dwellings had shared use facilities; they have been included with One (or More) Flush Toilets.

Table 8.17 Principal Heating Equipment in Dwellings, Ontario and Other Regions of Canada, Selected Years, 1956 to 1983

Year	Steam or Hot Water Furnaces	Hot Air Furnaces		Heating Stoves	Electricity	Other	Total
		Forced	Other				
				'000's			
1983							
Ontario	655	1,856	47	80	427	12	3,078
Atlantic	173	260	19	63	133	19	668
Quebec	465	570	63	137	994	11	2,241
West	426	1,665	49	73	251	10	2,474
Canada	1,718	4,351	178	352	1,808	54	8,460
Ontario % of Canada	38.1	42.7	26.4	22.7	23.6	22.2	36.4
Ontario							
1982	643	1,782	52	101	402	23	3,003
1981^r	650	1,805	42	64	354	22	2,938
1980^r	610	1,729	64	85	374	11	2,873
1979^r	664	1,615	55	84	371	18	2,806
1978^r	665	1,587	58	79	344	10	2,745
1977^r	635	1,587	61	92	288	10	2,673
1976	600	1,544	63	76	302	22	2,606
1975	592	1,483	65	118	250	15	2,523
1974	605	1,429	67	114	211	13	2,440
1973	583	1,393	87	113	154	11	2,354
1972	531	1,357	88	123	161	15	2,275
1971	560	1,289	91	140	110	14	2,208
1966^r	411	1,044	160	194	..	60	1,869
1961^r	338	752	247	251	..	39	1,630
1956	284	704	..	273	..	106	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Notes: 1. Other includes cookstoves or ranges, central heating, fireplaces and portable heaters with the following exceptions: in 1966, Other also includes electricity; in 1956, 1961, 1973 and 1982, Other represents only cookstoves or ranges.

2. In 1956, there was no distinction made between Hot Air Furnaces, Forced and Other.

Table 8.18 Dwellings by Principal Heating Fuel, Ontario, Selected Years, 1956 to 1983

Year	Oil or Other Liquid Fuel	Piped or Bottled Gas	Electricity	Wood & Other	Total
			'000's		
1983	780	1,728	484	86	3,078
1982	830	1,626	444	103	3,003
1981^r	942	1,540	397	59	2,938
1980^r	1,016	1,393	401	63	2,873
1979^r	1,062	1,307	399	38	2,806
1978^r	1,104	1,240	366	35	2,745
1977^r	1,075	1,264	307	27	2,673
1976	1,088	1,193	302	23	2,606
1975	1,186	1,062	250	25	2,523
1974	1,185	1,014	211	30	2,440
1973	1,214	943	164	31	2,354
1972	1,190	893	161	30	2,275
1971	1,189	859	110	49	2,208
1966^r	1,105	544	35	185	1,869
1961^r	1,051	301	..	278	1,630
1956	712	125	..	531	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Notes: 1. Oil or Other Liquid Fuel includes kerosene.
2. Wood & Other is mainly wood and coal or coke, but in 1966 it also included bottled gas and sawdust. Prior to 1966, electricity and briquettes were included as well.

Table 8.19 Dwellings with Supplementary Heating Equipment and Fireplaces, Ontario and Other Regions of Canada, Selected Years, 1956 to 1983

Year	Supplementary Heating Equipment				Fireplaces
	Heating Stoves	Cookstove or Range	Portable Heater	Other	
			'000's		
1983					
Ontario	216	51	364	80	731
Atlantic	133	46	52	35	127
Quebec	395	9	132	64	313
West	137	32	203	59	782
Canada	883	137	754	239	1,951
Ontario % of Canada	24.5	37.2	48.3	33.5	37.5
Ontario					
1981	146	37	458	58	732
1979	117	37	427	41	619
1956	100	128	14	—	14

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Note: Fireplaces includes only fuel-burning fireplaces.

Table 8.20 Dwellings with Air Conditioners, Ontario and Other Regions of Canada, Selected Years, 1966 to 1983

Year	None	Window	Central	Total
		'000's		
1983				
Ontario	2,200	462	415	3,078
Atlantic	637	26	4	668
Quebec	1,977	201	63	2,241
West	2,206	156	113	2,474
Canada	7,020	845	595	8,460
Ontario % of Canada	31.3	54.7	69.7	36.4
Ontario				
1982	2,173	494	336	3,003
1981[r]	2,119	523	295	2,938
1980[r]	2,059	539	275	2,873
1979[r]	2,016	554	236	2,806
1978[r]	2,004	515	227	2,745
1977[r]	1,972	503	198	2,673
1976	1,974	463	168	2,606
1975	1,998	407	117	2,523
1974	2,023	331	86	2,440
1973	2,086	268	..	2,354
1972	2,054	221	..	2,275
1971	2,010	197	..	2,208
1966[r]	1,791	78	..	1,869

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Note: Prior to 1974, data were collected for dwellings with window air conditioners only.

Table 8.21 Dwellings by Type of Repairs Needed and Tenure, Ontario, 1982

	Owned	Rented	Total
		'000's	
Major Repairs Needed	283	114	397
Minor Repairs Needed	289	192	481
No Repairs Needed	1,353	772	2,125
Total	1,925	1,078	3,003

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Notes: 1. Repairs do not include desirable remodelling, additions, conversions or energy improvements or regular maintenance.
2. Major repairs are defined as any work required to correct serious deficiencies in the structural condition of the dwelling, as well as in the plumbing, electrical and heating systems.
3. Minor repairs are any work required to correct deficiencies in the surface or covering material of the dwelling and to the less serious deficiencies in the plumbing, electrical and heating systems.

Table 8.22 Geared-to-Income Housing Units, Ontario, 1976 to 1984

Year	Assisted Rental Housing	Metro Toronto Housing	Rural & Native Housing	Commercial Rent Supplement	Community Rent Supplement	Total
			number			
1984^{p}	84,425	15,064	1,685	11,826	4,250	117,250
1983	84,404	15,020	1,383	11,411	4,167	116,385
1982	84,366	14,670	1,250	11,094	4,176	115,556
1981	84,142	14,260	1,001	10,276	4,241	113,920
1980	83,321	12,913	600	9,687	4,049	110,570
1979	83,073	11,213	418	9,399	3,080	107,183
1978	81,726	7,615	318	8,880	2,089	100,628
1977	79,215	6,487	184	7,820	1,150	94,856
1976	75,633	6,488	43	6,132	558	88,854

Source: Ministry of Municipal Affairs and Housing, unpublished data from Financial Services Branch.

Notes: 1. Data are as of December 31.
2. Metro Toronto Housing refers to Metro Toronto Housing Company Limited.

Table 8.23 Family and Senior Citizen Geared-to-Income Housing Units, Ontario, Selected Years, 1964 to 1982

Year	Families	Senior Citizens	Total
		number	
1982	47,775	67,749	115,424
1980	46,833	64,493	111,326
1976	43,010	46,065	89,075
1972	30,784	23,313	54,097
1968	17,856	6,478	24,334
1964	7,914	3,170	11,084

Sources: Ministry of Municipal Affairs and Housing.
Metro Toronto Housing Company Limited.

Notes: 1. The 1982 totals include 5,352 geared-to-income units in non-profit and co-operative housing projects of which about 60% are family and 40% are senior citizen units.
2. Data are as of July 1.
3. Families include single persons and couples, without children, under the age of 60 who qualify on medical grounds.

Table 8.24 Non-Profit and Co-operative Housing Units, Ontario, 1982

	Families	Senior Citizens	Special & Others	Total
		number		
Non-Profit	11,699	16,102	934	28,735
Co-operative	9,227	582	11	9,820
Total	20,926	16,684	945	38,555

Sources: Ministry of Municipal Affairs and Housing, unpublished data.
Canada Mortgage and Housing Corporation.

Notes: 1. Data represent the number of units under management as of December, 1982.
2. Non-Profit includes both municipal and private.

Chapter 9
Household Facilities

Household Facilities

This chapter contains data on major types of household facilities, sometimes called consumer durables, in homes in Ontario.

Sources of Data

The source of data on household facilities is Statistics Canada's annual Survey of Household Facilities and Equipment. The questionnaire used in this survey is changed each year, so that for some consumer durables data are only available every two or three years, while for other durables data are available annually. In 1983, the survey sample covered almost 7,000 households in Ontario. Excluded are households on Indian Reserves, Crown lands and inmates of institutions. Only households living in standard private dwellings are represented. Therefore, also excluded are military camps; collective-type households such as those living in hotels, large lodging houses, clubs and logging and construction camps; and private households living in mobile homes, trailers, summer cottages, boats, etc. It is important to note that data for the most recent years are revised after each census. Results of the survey are available in Statistics Canada's publication, *Household Facilities and Equipment*, *(64-202)*. Enquiries regarding these data should be directed to the Data Dissemination Unit, Consumer Income and Expenditure Division, Statistics Canada, telephone Ottawa, 990-9775.

Household Facilities

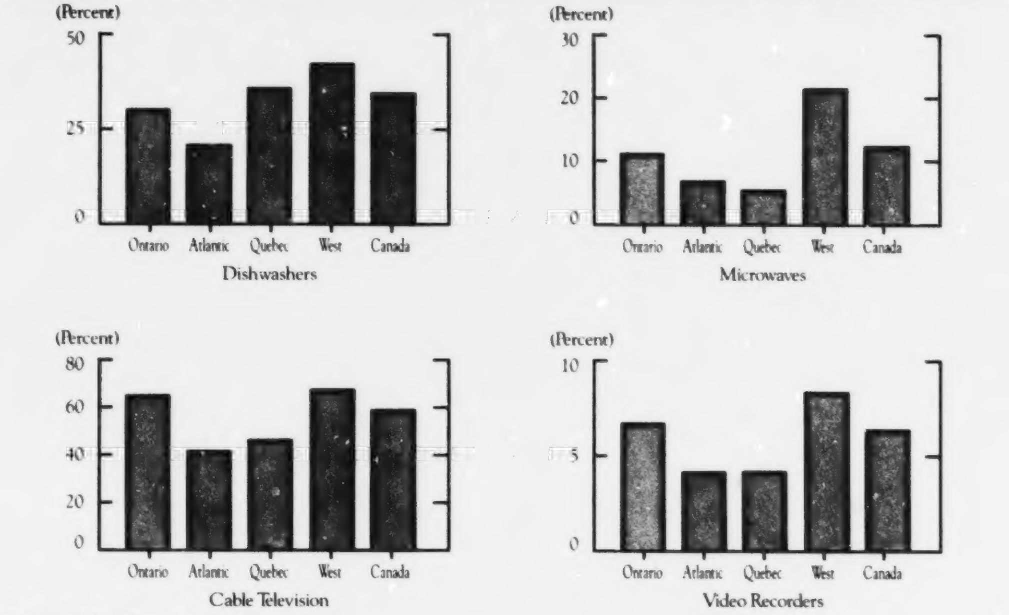
Charts:

9.1 Households with Selected Consumer Items, Ontario and Other Regions of Canada, 1983
9.2 Growth in the Number of Households with Selected Recreational Equipment, Ontario, 1976 to 1982

Tables:

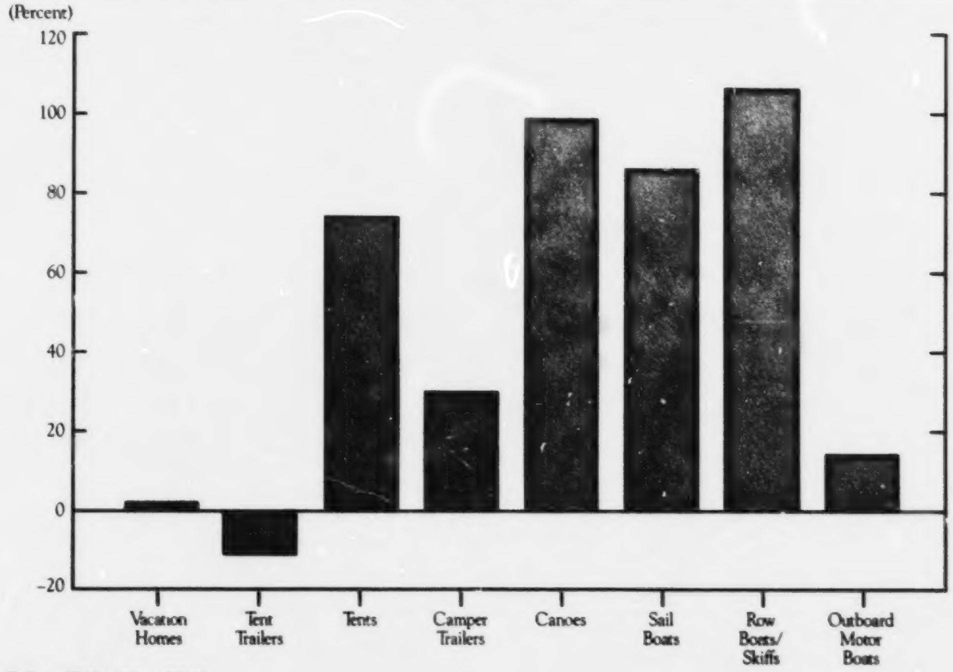
9.1 Households with Telephones, Ontario and Other Regions of Canada, Selected Years, 1956 to 1983
9.2 Households with Automobiles, Ontario and Other Regions of Canada, Selected Years, 1956 to 1983
9.3 Households with Selected Large Appliances, Ontario and Other Regions of Canada, Selected Years, 1956 to 1983
9.4 Households with Television Sets and Related Items, Ontario and Other Regions of Canada, Selected Years, 1956 to 1983
9.5 Households with Radios, Tape Recorders and Record Players, Ontario and Other Regions of Canada, Selected Years, 1956 to 1983
9.6 Households with Vacuum Cleaners and Electric Sewing Machines, Ontario, Selected Years, 1956 to 1981
9.7 Households with Wall-to-wall Carpeting and Pianos, Ontario, Selected Years, 1972 to 1981
9.8 Households with Lawn Mowers and Snowblowers, Ontario, Selected Years, 1966 to 1980
9.9 Households with Vacation Homes and Overnight Camping Equipment, Ontario, Selected Years, 1971 to 1982
9.10 Households with Boats, Ontario, Selected Years, 1971 to 1982
9.11 Households with Selected Recreational Items, Ontario, Selected Years, 1976 to 1982

Chart 9.1 Households with Selected Consumer Items, Ontario and Other Regions of Canada, 1983



Refer to Tables 9.3 and 9.4

Chart 9.2 Growth in the Number of Households with Selected Recreational Equipment, Ontario, 1976 to 1982



Refer to Tables 9.9 and 9.10

Table 9.1 Households with Telephones, Ontario and Other Regions of Canada, Selected Years, 1956 to 1983

Year	None	One	Two	Three or More	Total Households
			'000's		
1983					
Ontario	54	1,550	1,065	408	3,078
Atlantic	34	405	190	36	668
Quebec	49	1,410	591	190	2,241
West	54	1,331	811	276	2,474
Canada	193	4,697	2,657	913	8,460
Ontario % of Canada	28.0	33.0	40.1	44.7	36.4
Ontario					
1982	44	1,624	1,042	293	3,003
1981	55	1,619	1,000	265	2,938
1980	60	1,737	896	180	2,873
1979	54	1,727	837	187	2,806
1978	72	1,687	808	178	2,745
1977	64	1,713	744	152	2,673
1976	66	1,717	698	126	2,606
1971	81	1,565	562	..	2,208
1966	108	1,413	348	..	1,869
1961	132	1,305	193	..	1,630
1956	196	1,174	..	..	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202)

Note: For 1961 to 1971 Two should read Two or More.

Table 9.2 Households with Automobiles, Ontario and Other Regions of Canada, Selected Years, 1956 to 1983

Year	None	One	Two	Three or More	Total Households
			'000's		
1983					
Ontario	617	1,554	747	160	3,078
Atlantic	145	355	136	30	668
Quebec	559	1,264	350	68	2,241
West	449	1,158	642	223	2,474
Canada	1,770	4,332	1,876	482	8,460
Ontario % of Canada	34.9	35.9	39.8	33.2	36.4
Ontario					
1982	597	1,514	727	165	3,003
1981	546	1,554	694	145	2,938
1980	565	1,494	668	146	2,873
1979	574	1,511	594	127	2,806
1978	546	1,469	613	117	2,745
1977	544	1,432	586	112	2,673
1976	498	1,431	571	107	2,606
1971	430	1,324	454	..	2,208
1966	362	1,181	326	..	1,869
1961	360	1,076	194	..	1,630
1956	413	825	132	..	1,370

Source: Statistics Canada, *Household Facilities and Employment*, (64-202)

Note: For 1956 to 1971 Two should read Two or More.

Table 9.3 Households with Selected Large Appliances, Ontario and Other Regions of Canada, Selected Years, 1956 to 1983

Year	Refrigerators	Home Freezers	Clothes Washers	Clothes Dryers	Dish Washers	Micro-Wave Ovens	Total Households
				'000's			
1983							
Ontario	3,072	1,692	2,203	1,880	913	345	3,078
Atlantic	661	405	564	430	136	46	668
Quebec	2,236	936	1,844	1,568	793	124	2,241
West	2,460	1,588	1,846	1,686	1,040	536	2,474
Canada	8,429	4,622	6,456	5,565	2,882	1,055	8,460
Ontario % of Canada	36.4	36.6	34.1	33.8	31.7	32.7	36.4
Ontario							
1982	2,999	1,684	2,191	1,852	875	281	3,003
1981	2,926	1,568	2,119	1,752	802	215	2,938
1980	2,864	1,470	2,080	1,690	724	..	2,873
1979	2,793	1,358	1,967	1,565	639	130	2,806
1978	2,732	1,294	1,966	1,524	596	..	2,745
1977	2,666	1,252	1,891	1,427	524	..	2,673
1976	2,594	1,155	1,875	1,360	470	..	2,606
1971	2,186	755	1,711	991	189	..	2,208
1966	1,845	462	1,551	659	57	..	1,869
1961	1,579	204	1,419	335	24	..	1,630
1956	1,291	100	1,192	..	..	..	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202)

Notes: 1. Refrigerators include electric, mechanical and ice boxes.
2. Clothes Washers include electric, gasoline and hand-operated.

Table 9.4 Households with Television Sets and Related Items, Ontario and Other Regions of Canada, Selected Years, 1956 to 1983

Year	Television Sets			Cable Television	Cable-vision Converters	Video Recorders	Total Households
	None	One	Two or More				
				'000's			
1983							
Ontario	53	1,669	1,355	2,021	1,272	209	3.078
Atlantic	8	369	289	279	30	28	568
Quebec	34	1,139	1,067	1,050	495	94	2,241
West	77	1,417	980	1,685	463	210	2,474
Canada	174	4,596	3,690	5,034	2,262	542	8,460
Ontario % of Canada	30.5	36.3	36.7	40.1	56.2	38.6	36.4
Ontario							
1982	55	1,770	1,178	1,984	..	..	3,003
1981	63	1,699	1,176	1,874	..	..	2,938
1980	67	1,699	1,108	1,824	..	..	2,873
1979	56	1,732	1,018	1,702	591	..	2,806
1978	71	1,688	986	1,596	..	..	2,745
1977	72	1,709	892	1,498	..	..	2,673
1976	78	1,657	871	..	..	..	2,606
1971	67	1,603	537	..	..	..	2,208
1966	81	1,469	319	..	..	..	1,869
1961	148	1,376	106	..	..	..	1,630
1956	455	915	..	..	..	..	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202)

Table 9.5 **Households with Radios, Tape Recorders and Record Players, Ontario and Other Regions of Canada, Selected Years, 1956 to 1983**

Year	Radios					Tape Recorders	Record Players/ Turntables	Total House-holds
	None	One	Two	Three	Four or More			
					'000's			
1983								
Ontario	35	637	901	685	819	1,754	2,488	3,078
Atlantic	10	183	200	135	140	376	519	668
Quebec	27	632	768	440	374	959	1,686	2,241
West	34	520	717	516	686	1,502	1,996	2,474
Canada	106	1,973	2,587	1,776	2,019	4,590	6,689	8,460
Ontario % of Canada	33.0	32.3	34.8	38.6	40.6	38.2	37.2	36.4
Ontario								
1982	42	765	915	589	691	..	2,454	3,003
1981	60	726	895	624	633	..	2,375	2,938
1980	44	713	927	596	593	1,452	2,308	2,873
1979	43	726	876	598	563	1,417	2,196	2,806
1978	40	598	871	598	638	..	2,213	2,745
1977	55	678	827	548	565	1,022	2,106	2,673
1976	37	671	792	523	583	..	2,038	2,606
1971	55	737	670	386	359	..	1,595	2,208
1966	65	757	539	280	228	..	1,178	1,869
1961	67	854	432	171	106	..	857	1,630
1956	56	870	326	87	31	..	..	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Note: Radios include all types except automobile radios.

Table 9.6 **Households with Vacuum Cleaners and Electric Sewing Machines, Ontario, Selected Years, 1956 to 1981**

Year	Vacuum Cleaners	Electric Sewing Machines	Total Households
		'000's	
1981	2,740	1,899	2,938
1977	2,444	1,673	2,673
1971	1,946	1,424	2,208
1961	1,292	745	1,630
1956	940	448	1,370

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Table 9.7 **Households with Wall-to-wall Carpeting and Pianos, Ontario, Selected Years, 1972 to 1981**

Year	Wall-to-wall Carpeting				Pianos	Total Households
	None	One Room	Two Rooms	Three or More		
				'000's		
1981	681	363	443	1,451	..	2,938
1977	..	..	..	..	363	2,673
1972	1,234	421	279	341	324	2,275

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Table 9.8 Households with Lawn Mowers and Snowblowers, Ontario, Selected Years, 1966 to 1980

Year	Lawn Mowers			Snow-blowers	Total Households
	Gasoline	Electric	Hand		
			'000's		
1980	1,188	459	151	348	2,873
1978	1,043	452	161	271	2,745
1976	993	419	211	209	2,606
1966	876	..	394	..	1,869

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Table 9.9 Households with Vacation Homes and Overnight Camping Equipment, Ontario, Selected Years, 1971 to 1982

Year	Vacation Homes	Overnight Camping Equipment					Total Households
		Tent Trailer	Tent	Travel Trailer	Truck Camper	Other	
				'000's			
1982	196	106	582	105	56	18	3,003
1980	182	107	494	87	56	...	2,873
1978	186	108	468	94	52	17	2,745
1976	193	118	335	83	41	11	2,606
1971	..	89	231	35	17	8	2,208

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Note: Trailers or other mobile homes are excluded from Vacation Homes.

Table 9.10 Households with Boats, Ontario, Selected Years, 1971 to 1982

Year	Canoes	Sail-boats	Row-boats/ Skiffs	Outboard Motor-boats	Other	Total House-holds
			'000's			
1982	242	78	136	285	18	3,003
1980	167	61	89	252	19	2,873
1978	166	45	92	254	17	2,745
1976	122	42	66	250	21	2,606
1971	68	27	63	215	14	2,208

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Table 9.11 Households with Selected Recreational Items, Ontario, Selected Years, 1976 to 1982

Year	Adult-Size Bicycles			Motor-cycles	Skis		Snow-mobiles	Total House-holds
	None	One	Two or More		Cross-country	Down-hill		
				'000's				
1982	1,535	751	716	187	697	458	228	3,003
1980	1,597	667	609	..	573	398	272	2,873
1979	1,583	621	602	135	..	..	..	2,806
1978	1,560	619	565	..	377	386	253	2,745
1977	1,556	570	547	172	..	..	239	2,673
1976	1,533	533	540	..	..	..	242	2,606

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

THE ECONOMY

Chapter 10
Economic Overview

Economic Overview

The macroeconomic data in this chapter cover economic accounts, gross provincial product by industry and investment, describing the Ontario economy in aggregate terms. The most general use of this information is in current economic analysis to monitor the performance of the total economy in terms of output, income flow patterns and the composition of demand. The System of National Accounts developed by Statistics Canada forms the general conceptual basis for most of the data. This system emphasizes economic production and consists of several parts, including income and expenditure (i.e. economic) accounts, gross domestic product by industry, and input-output analysis.

There are three basic approaches which can be employed to measure the total unduplicated value of economic production for a given geographic entity:

- the income approach, which sums all income flows accruing from production;
- the expenditure approach, which adds expenditures on goods and services in final demand categories, i.e., exclusive of expenditure on inputs which would form part of the purchase price of final goods;
- the value added by industry approach, which sums the value added by each industry, where value added is defined as the value of goods produced by an industry minus the value of goods and services purchased for use in the production process.

Sources of Data

The main data sources are:

- Provincial Economic Accounts estimates by the Ontario Ministry of Treasury and Economics and Statistics Canada;
- Statistics Canada's estimates of gross domestic product by industry;
- Statistics Canada's Private and Public Investment Intentions Survey.

Provincial economic accounts portray, in a set of aggregate figures, a comprehensive summary of the important components of economic activity in terms of transactions taking place between major groups of transactors. These transactors are persons and unincorporated business, corporate and government business enterprises, governments and non-residents. It should be noted that the persons and unincorporated business sector also includes private non-commercial institutions such as labour unions, fraternal societies, churches and charitable organizations, universities, private pension funds, and some aspects of the transactions of insurance companies. The income and expenditure approaches are used together to derive estimates of gross provincial product and expenditure in a consistent accounting framework.

The Provincial Economic Accounts data in this chapter are Ontario Ministry of Treasury and Economics estimates based on Statistics Canada's Provincial Economic Accounts and their National Accounts for Canada as a whole. The Ministry of Treasury and Economics uses the Statistics Canada numbers to develop estimates for Ontario which have a slightly different conceptual base. In the data presented here, the federal government is treated as an entity external to Ontario and not as a resident of the Province, while consumer expenditure is adjusted to include the expenditure of Ontario residents abroad and to exclude expenditures of non-Canadians in Ontario. Both Treasury and Economics and Statistics Canada treat corporate income on a domestic basis, distributing corporation profits by province in such a way as to reflect the location where earnings are accrued. One significant methodological difference is that the Ministry of Treasury and Economics separates foreign trade into exports and imports, whereas Statistics Canada shows only a residual net balance. Ministry of Treasury and Economics Provincial Accounts are published in a quarterly bulletin entitled *Economic Accounts*. For further information contact the Economic Policy Branch, Ministry of Treasury and Economics, telephone Toronto, 965-2217.

The Provincial Accounts series published by Statistics Canada cover all provinces of Canada, and therefore are the most appropriate choice for making interprovincial comparisons. However the Statistics Canada series are less timely than the Ministry of Treasury and Economics estimates. The data are published annually in *Provincial Economic Accounts, (13-213)*, approximately one year following the end of the reference period, and are also available on CANSIM.

Revisions to the national and provincial income and expenditure series are normally made by Statistics

Canada once each year and usually cover the preceding three or four years of data. As these adjustments are made available, they are incorporated into the Treasury and Economics estimates. For a complete discussion of Statistics Canada concepts and methodology, see *National Income and Expenditure Accounts, Volume 3, A Guide to the National Income and Expenditure Accounts, Definitions-Concepts-Sources-Methods, (13-549)*, and *Provincial Economic Accounts, 1966-1981, (13-213)*. For further information, contact the Gross National Product Division of Statistics Canada, telephone Ottawa, 990-9148.

Although economic accounts attempt to measure the total value of production in the economy, there are a number of major items which are not taken into account because of measurement difficulties. Household production, which is not directly compensated by wages, is not counted because of difficulties in establishing an appropriate value. Similarly, transactions in the informal economy (i.e. types of economic activity that should conceptually be counted but cannot be because of the informal business practices of vendors) are also excluded. These types of omission obviously lead to some understatement of total production.

The gross domestic product by industry approach for deriving total product estimates theoretically yields the same numbers as the income and expenditure approaches. Statistics Canada develops estimates by province for the goods-producing industries plus education and related services, hospitals, and accommodation and food services. No provincial numbers are available from this source for the service industries, except as noted above. Constant (1971) dollar estimates are provided only for selected major groups of goods-producing industries and for the three parts of the service sector identified. These data are published in *Provincial Gross Domestic Product by Industry, (61-202)*, and are also available on CANSIM. Estimates of gross domestic product for Ontario covering all industries by major groups are developed as part of the *Quarterly Provincial Forecast* generated by the Conference Board of Canada.

Input-Output (I/O) tables provide another way of looking at aggregate production, but with much greater detail on particular industries and commodities. Statistics Canada develops I/O tables for Canada which are based on data for 191 industries, 136 final demand categories and 602 commodities, and operates a program providing a regional dimension for this model. For further information, contact the Input-Output Division of Statistics Canada, telephone Ottawa, 990-8907.

The data on private and public investment are closely related to, and form the basis for, the estimates of business gross fixed capital formation and government capital expenditure appearing in the income and expenditure accounts. The investment data are somewhat broader in coverage than required for economic accounts in that they include repair expenditures. Excluded are expenditures for the acquisition of previously existing structures, used machinery and equipment unless imported, and land, since outlays of this type involve only the transfer of property and not the creation of capital.

The basic source of this data is a Statistics Canada survey covering about 24,000 establishments, augmented in a few areas where the survey approach is not practical, by estimates based on analysis of current trends and expert opinion in particular fields such as agriculture, fishing and housing. The survey is conducted twice a year, usually in the December to February period to provide estimates of intentions for the reference year, and in May to July to revise the original data by means of a mid-year review. These surveys also provide information on construction by type of structure covered in Chapter 21, Construction. The data are published in *Private and Public Investment in Canada: Outlook, (61-205)*, and *Private and Public Investment in Canada: Mid-Year Review, (61-206)*. Aggregate information is also available on CANSIM. For further information, contact the Construction Division of Statistics Canada, telephone Ottawa, 990-9815.

Economic Overview

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10.2 Sources of Personal Income, Ontario, 1971 and 1982
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10.4 Capital Expenditures, Ontario, 1971 to 1983

Tables:

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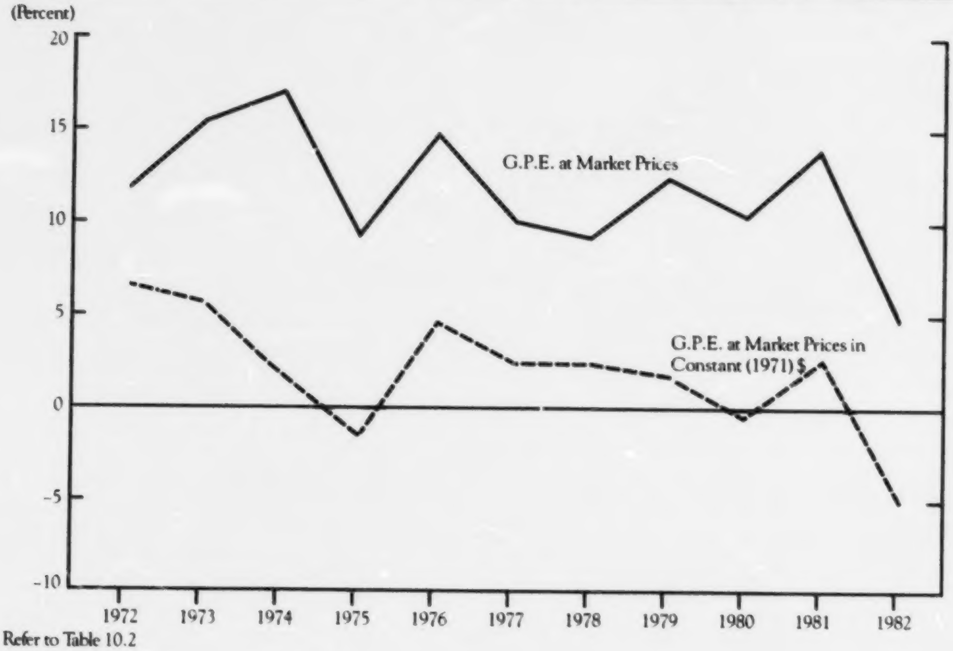
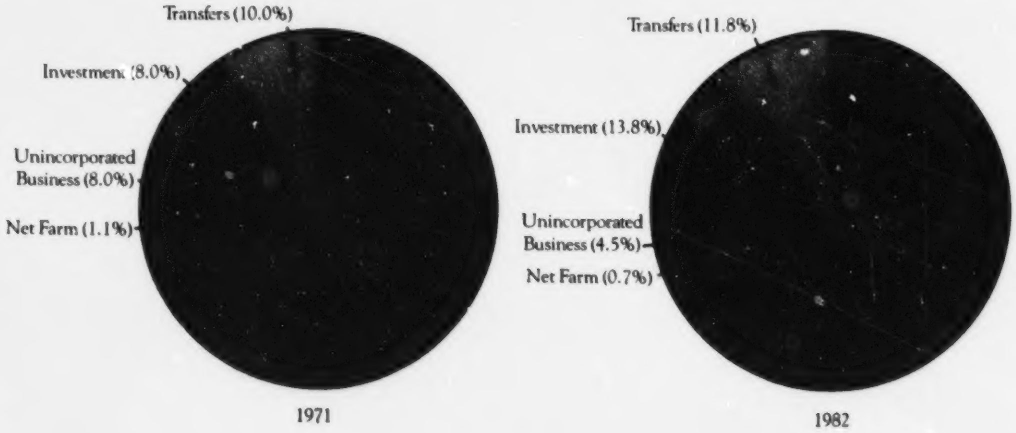
Chart 10.1 Growth Rate of Gross Provincial Expenditure, Ontario, 1972 to 1982



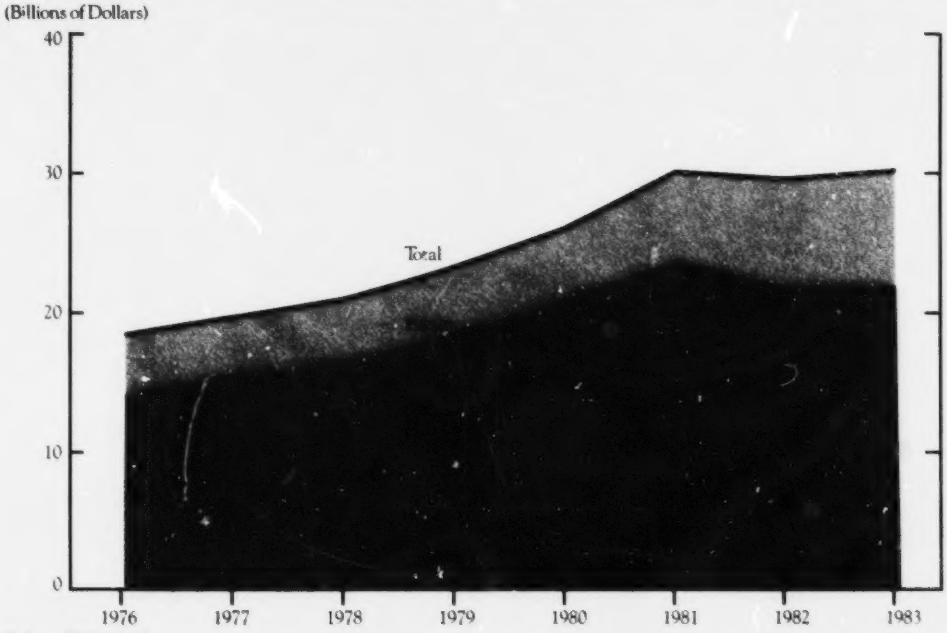
Refer to Table 10.2

Chart 10.2 Sources of Personal Income, Ontario, 1971 and 1982



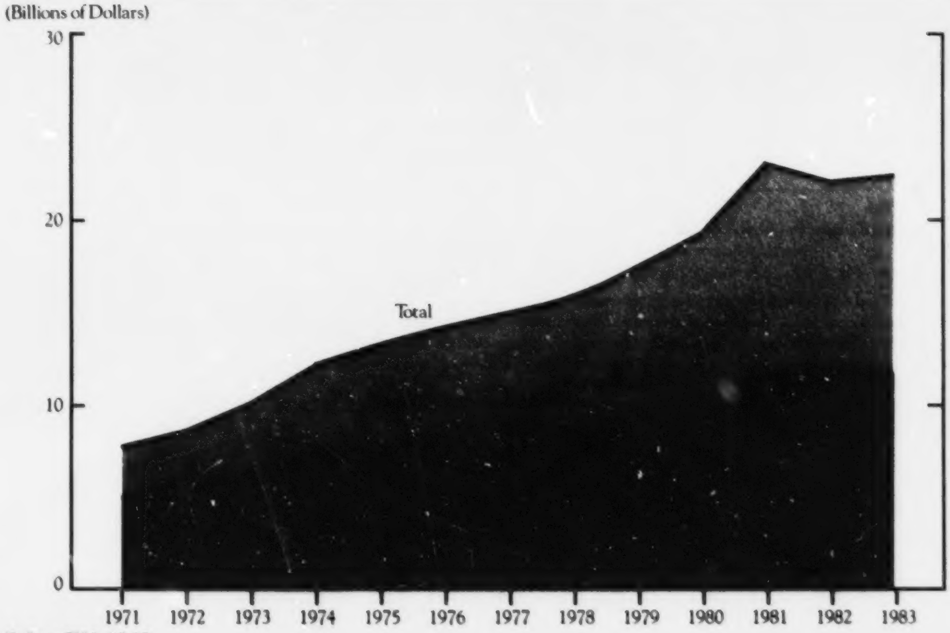
Refer to Table 10.6

Chart 10.3 Private and Public Investment, Ontario, 1976 to 1983



Refer to Table 10.17

Chart 10.4 Capital Expenditures, Ontario, 1971 to 1983



Refer to Table 10.18

Table 10.1 Provincial Income and Gross Provincial Product, Ontario, 1971 to 1982

Year	Wages & Salaries	Military Pay & Allowances	Corporate Profits Before Taxes	Deduct: Dividends Paid to Non-residents	Invest-ment Income	Net Farm Income	Net Income of Non-farm Unincor-porated Business
				$ millions			
1982	82,751	694	6,804	- 1,860	8,760	893	5,451
1981	76,767	595	11,786	- 2,410	7,880	911	4,699
1980	66,737	526	12,714	- 1,864	6,713	842	4,020
1979	59,879	482	11,854	- 1,866	6,256	876	3,640
1978	53,848	478	9,189	- 1,656	5,268	709	3,369
1977	49,495	474	7,468	- 1,166	4,410	712	3,050
1976	44,835	447	7,542	- 986	3,535	696	2,820
1975	38,443	408	7,405	- 1,114	2,786	879	3,038
1974	33,619	375	8,300	- 1,233	2,760	735	2,785
1973	28,536	342	6,241	- 935	2,182	590	2,711
1972	24,888	314	4,602	- 746	1,862	441	2,547
1971	22,304	288	3,647	- 603	1,437	354	2,463

Table 10.1 (cont'd.)

Year	Inventory Valuation Adjustment	Net Provincial Income at Factor Cost	Indirect Taxes Less Subsidies	Capital Consumption	Residual Error	Gross Provincial Product at Market Prices	Ontario % of Canada
				$ millions			
1982	- 1,720	101,773	17,320	14,449	- 311	133,231	37.4
1981	- 3,053	97,175	16,931	13,425	- 426	127,105	37.5
1980	- 3,153	86,535	13,318	11,887	- 133	111,607	37.6
1979	- 3,302	77,819	12,470	10,667	- 14	100,942	38.2
1978	- 2,149	69,056	11,072	9,387	187	89,702	38.6
1977	- 1,648	62,795	10,431	8,508	236	81,970	39.0
1976	- 840	58,049	9,387	7,629	- 615	74,450	38.8
1975	- 1,368	50,477	7,731	6,527	67	64,802	39.2
1974	- 2,023	45,318	7,880	5,752	280	59,230	40.1
1973	- 1,019	38,648	6,872	4,826	76	50,422	40.8
1972	- 395	33,513	6,037	4,152	- 86	43,616	41.4
1971	- 257	29,633	5,367	3,814	62	38,876	41.2

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*
National Income and Expenditure Accounts. (13-001).
Ministry of Treasury and Economics, Statistical Services Branch.

Notes:
1. Wages and Salaries includes supplementary labour income.
2. Investment Income is composed of interest and miscellaneous investment income of persons and government investment income.
3. Net Farm Income is accrued net income of farm operators from farm production.
4. Net Income of Non-farm Unincorporated Business includes rent.
5. Capital Consumption includes miscellaneous valuation adjustments.
6. Ontario % of Canada compares Ontario Gross Provincial Product at Market Prices with Canada's Gross National Product at Market Prices.

Table 10.2 Gross Provincial Expenditure, Ontario, 1971 to 1982

Year	Personal Expenditure on Consumer Goods & Services	Government Expenditure on Goods & Services	Business Gross Fixed Capital Formation	Change in Inventories	Exports of Goods & Services	Deduct: Imports of Goods & Services
				$ millions		
1982	78,070	21,576	20,220	- 3,956	45,786	- 35,141
1981	71,729	18,884	21,523	671	44,203	- 35,628
1980	63,500	16,874	17,962	- 703	39,450	- 30,301
1979	57,159	15,190	16,148	1,670	34,094	- 27,786
1978	52,136	14,407	14,577	- 262	29,071	- 24,379
1977	47,222	13,125	13,732	633	23,963	- 20,762
1976	43,002	11,855	12,777	584	20,603	- 18,696
1975	37,610	10,804	11,990	- 205	17,552	- 16,323
1974	32,891	8,997	10,783	1,714	17,011	- 14,917
1973	28,421	7,558	8,982	671	14,314	- 12,100
1972	25,070	6,985	7,345	470	11,627	- 10,213
1971	22,398	6,350	6,479	141	10,515	- 9,001

Table 10.2 (cont'd.)

Year	Exports of Goods & Services to Federal Government	Deduct: Federal Government Investment Income in Ontario	Dividends Received From Rest of Canada	Deduct: Dividends Paid to Rest of Canada	Residual Error	G.P.E. at Market Prices	G.P.E. at Market Prices in Constant (1971) $
				$ millions			
1982	7,691	- 1,627	993	- 692	311	133,231	48,596
1981	6,478	- 1,460	1,287	- 1,008	426	127.105	51,026
1980	5,441	- 1,192	1,238	- 795	133	111,607	49,555
1979	5,052	- 1,063	1,278	- 814	14	100,942	49,791
1978	4,889	- 950	1,045	- 645	- 187	89,702	48,807
1977	4,980	- 872	596	- 411	- 236	81,970	47,574
1976	4,400	- 820	468	- 338	615	74,450	46,415
1975	4,005	- 801	684	- 448	- 67	64,802	44,296
1974	3,530	- 660	718	- 557	- 280	59,230	44,864
1973	3,024	- 553	622	- 441	- 76	50,422	43,990
1972	2,607	- 467	433	- 328	87	43,616	41,538
1971	2,390	- 394	238	- 179	- 61	38,876	38,864

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*
National Income and Expenditure Accounts, (13-001).
Ministry of Treasury and Economics, Statistical Services Branch.

Notes: 1. Change in Inventories is the value of the physical change.
2. Data in constant 1971 $ are derived using the implicit price index for Gross National Expenditure.

Table 10.3 Gross Provincial Expenditure: Government Expenditure on Goods and Services, Ontario, 1971 to 1982

Year	Current	Capital	Total
		$ millions	
1982	19,149	2,427	21,576
1981	16,831	2,053	18,884
1980	14,972	1,902	16,874
1979	13,399	1,791	15,190
1978	12,725	1,682	14,407
1977	11,522	1,603	13,125
1976	10,330	1,525	11,855
1975	9,196	1,608	10,804
1974	7,521	1,476	8,997
1973	6,389	1,169	7,558
1972	5,833	1,152	6.985
1971	5,280	1,070	6,350

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*
Ministry of Treasury and Economics, Statistical Services Branch.

Table 10.4 Gross Provincial Expenditure: Business Gross Fixed Capital Formation, Ontario, 1971 to 1982

Year	Residential Construction	Non-Residential Construction	Machinery & Equipment	Total
		$ millions		
1982	4,545	6,156	9,519	20,220
1981	5,222	5,870	10,431	21,523
1980	4,390	5,062	8,510	17,962
1979	4,759	4,112	7,277	16,148
1978	4,751	3,696	6,130	14,577
1977	4,680	3,550	5,502	13,732
1976	4,363	3,328	5,086	12,777
1975	3,670	3,429	4,891	11,990
1974	3,809	2,777	4,197	10,783
1973	3,301	2,250	3,431	8,982
1972	2,567	2,059	2,719	7,345
1971	2,049	1,874	2,556	6,479

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*
Ministry of Treasury and Economics, Statistical Services Branch.

Table 10.5 Gross Provincial Expenditure: Value of Physical Change in Inventories, Ontario, 1971 to 1982

Year	Non-farm Business	Farm	Total
		$ millions	
1982	-4,047	91	-3,956
1981	644	27	671
1980	-860	157	-703
1979	1,513	157	1,670
1978	-239	-23	-262
1977	611	22	633
1976	661	-77	584
1975	-307	102	-205
1974	1,681	33	1,714
1973	637	34	671
1972	491	-21	470
1971	135	6	141

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*
Ministry of Treasury and Economics, Statistical Services Branch.

Note: Farm Inventories include grain in the hands of the Canadian Wheat Board and grain held by private dealers.

Table 10.6 Sources of Personal Income, Ontario, 1971 to 1982

Year	Wages & Salaries	Net Farm Income	Net Income of Non-farm Unincorporated Business	Investment Income
		$ millions		
1982	83,445	893	5,451	16,659
1981	77,362	911	4,699	15,068
1980	67,263	842	4,020	11,449
1979	60,361	876	3,640	10,091
1978	54,326	709	3,369	8,371
1977	49,969	712	3,050	6,567
1976	45,282	696	2,820	5,756
1975	38,851	879	3,038	5,172
1974	33,994	735	2,785	4,803
1973	28,878	590	2,711	3,856
1972	25,202	441	2,547	3,153
1971	22,592	354	2,463	2,465

Table 10.6 (cont'd.)

Year	Current Transfers: Transfer Payments From Government	Current Transfers: Capital Assistance From Government	Current Transfers: From Corporations	Current Transfers: From Non-residents	Total
			$ millions		
1982	13,561	273	150	216	120,648
1981	10,823	127	190	193	109,373
1980	9,621	164	186	185	93,730
1979	8,119	69	163	161	83,480
1978	7,757	30	132	141	74,835
1977	6,842	42	116	119	67,417
1976	6,232	78	110	100	61,074
1975	5,696	78	95	93	53,902
1974	4,562	17	81	83	47,060
1973	3,685	18	69	77	39,884
1972	3,328	27	62	62	34,822
1971	2,967	10	58	57	30,966

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*

Notes:
1. Wages and Salaries includes Supplementary Labour Income and Military Pay and Allowances.
2. Net Farm Income is income received by farm operators from farm production.
3. Net Income of Non-farm Unincorporated Business includes rent.
4. Current Transfers From Corporations consists of charitable donations, other contributions and bad debts.

Table 10.7 Disposition of Personal Income, Ontario, 1971 to 1982

Year	Personal Income	Deduct: Personal Direct Taxes	Deduct: Other Current Transfers to Government	Personal Disposable Income
		$ millions		
1982	120,648	20,834	1,705	98,109
1981	109,373	18,667	1,497	89,209
1980	93,730	15,149	1,393	77,188
1979	83,480	13,493	1,364	68,623
1978	74,835	12,287	1,244	61,304
1977	67,417	11,724	1,072	54,621
1976	61,074	10,864	969	49,241
1975	53,902	9,402	730	43,770
1974	47,060	8,469	738	37,853
1973	39,884	7,093	687	32,104
1972	34,822	6,270	659	27,893
1971	30,966	5,663	736	24,567

Table 10.7 (cont'd.)

	Deduct					
	Personal Expenditure on Consumer		Current Transfers to Corporations	Current Transfers to Non-residents	Personal Saving	Savings Rate
Year	Goods	Services				
			$ millions			
1982	42,160	35,910	2,369	139	17,531	17.9
1981	39,396	32,333	2,302	129	15,049	16.9
1980	34,632	28,868	1,666	121	11,901	15.4
1979	31,698	25,461	1,279	113	10,072	14.7
1978	28,727	23,409	871	100	8,197	13.4
1977	26,249	20,973	711	97	6,591	12.1
1976	24,185	18,817	667	92	5,480	11.1
1975	21,835	15,775	596	89	5,475	12.5
1974	19,193	13,698	567	84	4,311	11.4
1973	16,520	11,901	367	81	3,235	10.1
1972	14,284	10,786	267	64	2,492	8.9
1971	12,580	9,818	249	61	1,859	7.6

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*
Ministry of Treasury and Economics, Statistical Services Branch.

Notes:
1. Personal Income minus Personal Direct Taxes minus Other Current Transfers to Government equals Personal Disposable Income. Personal Disposable Income minus Personal Expenditures on Consumer Goods and Services minus Current Transfers to Corporations minus Current Transfers to Non-residents equals Personal Saving.
2. Current Transfers to Corporations refers to interest on consumer debt.
3. From 1976 on, the personal expenditure data on a domestic basis, which is published by Statistics Canada, have been adjusted to a national basis by including net expenditure abroad. Net expenditure abroad is the difference between the expenditure of Ontario residents abroad and the expenditure of non-Canadian residents in Ontario.

Table 10.8 Government Revenue by Level of Government, Ontario, 1971 to 1982

	Direct Taxes					
	Persons			Corporations & Government Business Enterprises		Non-residents
Year	Federal	Provincial	C.P.P.	Federal	Provincial	Federal
				$ millions		
1982	12,875	6,152	1,907	2,030	907	686
1981	11,700	5,484	1,483	3,031	1,324	647
1980	9,424	4,429	1,296	3,143	1,379	580
1979	8,364	3,951	1,178	2,453	1,156	440
1978	7,414	3,835	1,038	2,102	890	339
1977	7,640	3,125	959	1,813	735	311
1976	7,756	2,252	856	1,901	791	294
1975	6,645	2,004	753	2,065	914	271
1974	6,076	1,747	646	2,094	855	262
1973	5,042	1,541	510	1,610	623	213
1972	4,343	1,450	477	1,335	472	175
1971	3,879	1,332	452	1,137	407	165

Table 10.8 (cont'd.)

Year	Indirect Taxes			Other Current Transfers from Persons			
	Federal	Provincial	Local	Federal	Provincial	Local	Hospitals
				$ millions			
1982	7,294	6,314	5,567	9	1,612	60	24
1981	7,849	5,431	5,025	6	1,415	55	21
1980	5,402	4,756	4,490	7	1,313	53	20
1979	4,887	4,553	4,027	7	1,290	49	18
1978	4,565	3,566	3,656	6	1,189	36	13
1977	4,143	3,590	3,374	6	1,027	28	11
1976	3,784	3,274	2,990	5	930	24	10
1975	3,270	2,720	2,460	3	704	20	3
1974	3,360	2,881	2,131	4	714	17	3
1973	2,821	2,407	1,892	3	666	16	2
1972	2,477	1,928	1,834	3	640	14	2
1971	2,169	1,663	1,722	2	716	16	2

Table 10.8 (cont'd.)

Year	Investment Income				
	Federal	Provincial	Local	Hospitals	C.P.P.
			$ millions		
1982	3,070	1,814	233	54	1,176
1981	2,923	1,555	214	41	977
1980	2,418	1,331	196	34	807
1979	2,106	1,169	179	33	683
1978	1,892	996	180	23	578
1977	1,517	920	160	19	493
1976	1,281	830	114	15	417
1975	1,127	703	100	6	340
1974	989	562	76	6	277
1973	830	447	68	4	226
1972	725	399	69	3	189
1971	610	357	60	2	148

Table 10.8 (cont'd.)

Year	Current Transfer From Other Levels of Government				
	Provincial		Local		Hospitals From Provincial & Local
	From Federal	From Local	From Federal	From Provincial	
			$ millions		
1982	2,899	7	124	5,138	3,489
1981	3,111	36	138	4,599	3,069
1980	2,888	28	123	3,844	2,683
1979	2,719	18	137	3,811	2,459
1978	2,427	1	133	3,394	2,316
1977	2,382	1	140	3,241	2,088
1976	2,364	2	93	2,903	1,975
1975	1,989	2	66	2,612	1,672
1974	1,492	1	68	2,121	1,391
1973	1,202	1	47	1,903	1,108
1972	1,160	4	74	1,702	1,041
1971	1,085	2	45	1,547	893

Table 10.8 (cont'd.)

Year	Total Revenue				
	Federal	Provincial	Local	Hospitals	C.P.P.
			$ millions		
1982	25,964	19,705	11,122	3,567	2,983
1981	26,156	18,356	10,031	3,131	2,460
1980	20,974	16,124	8,706	2,737	2,103
1979	18,257	14,856	8,203	2,510	1,861
1978	16,318	12,904	7,399	2,352	1,616
1977	15,430	11,780	6,943	2,118	1,452
1976	15,021	10,443	6,124	2,000	1,273
1975	13,381	9,036	5,258	1,681	1,093
1974	12,785	8,252	4,413	1,400	923
1973	10,519	6,887	3,926	1,114	736
1972	9,058	6,053	3,693	1,046	666
1971	7,962	5,562	3,390	897	600

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*

Notes: 1. Federal taxes paid by non-residents is withholding tax on income earned in Ontario.
2. Indirect Taxes includes motor vehicle licences and permits paid for by business.
3. Other Current Transfers from Persons includes the personal share of motor vehicle licences and permits and hospital and medical insurance premiums.

Table 10.9 Government Current Expenditure by Level of Government, Ontario, 1971 to 1982

Year	Current Expenditure on Goods & Services				
	Federal	Provincial	Local	Hospitals	C.P.P.
			$ millions		
1982	7,619	6,677	9,088	3,324	60
1981	6,597	5,886	7,992	2,881	72
1980	5,415	5,266	7,143	2,515	48
1979	5,046	4,719	6,405	2,238	37
1978	4,793	4,364	6,198	2,130	33
1977	4,854	3,833	5,704	1,953	32
1976	4,248	3,414	5,058	1,828	30
1975	3,850	3,164	4,363	1,669	23
1974	3,330	2,476	3,698	1,347	20
1973	2,894	2,079	3,218	1,092	19
1972	2,481	1,913	2,938	982	17
1971	2,231	1,717	2,691	872	15

Table 10.9 (cont'd.)

Year	Transfer Payments to Persons				Subsidies	
	Federal	Provincial	Local	C.P.P.	Federal	Provincial
				$ millions		
1982	7,898	3,766	388	1,509	1,391	464
1981	6,073	3,185	343	1,222	999	375
1980	5,452	2,863	301	1,005	981	349
1979	4,716	2,329	260	814	701	296
1978	4,654	2,205	236	662	568	147
1977	4,132	1,980	197	533	482	194
1976	3,788	1,847	181	416	480	181
1975	3,590	1,644	181	281	581	139
1974	2,911	1,323	136	192	413	80
1973	2,348	1,071	131	135	211	38
1972	2,113	975	138	102	164	38
1971	1,654	1,093	150	70	136	51

Table 10.9 (cont'd.)

Year	Capital Assistance		Interest on the Public Debt			
	Federal	Provincial	Federal	Provincial	Local	Hospitals
			$ millions			
1982	365	15	9,194	2,341	487	7
1981	191	13	7,852	2,091	467	7
1980	217	8	5,641	1,915	415	6
1979	97	15	4,640	1,649	416	5
1978	141	22	3,678	1,468	403	6
1977	128	41	2,887	1,227	361	6
1976	92	78	2,532	1,056	325	5
1975	81	71	2,036	853	296	5
1974	50	21	1,630	714	282	5
1973	52	26	1,357	612	259	4
1972	55	27	1,188	463	227	4
1971	51	15	1,026	359	229	5

Table 10.9 (cont'd.)

Year	Current Transfers to Other Levels of Government				
	Federal to		Provincial to		Local to Provinces & Hospitals
	Provinces	Local	Local	Hospitals	
			$ millions		
1982	2,899	124	5,138	3,482	14
1981	3,111	138	4,599	3,062	43
1980	2,888	123	3,844	2,676	35
1979	2,719	137	3,811	2,452	25
1978	2,427	133	3,394	2,309	8
1977	2,382	140	3,241	2,081	8
1976	2,364	93	2,903	1,968	9
1975	1,989	66	2,612	1,665	9
1974	1,492	68	2,121	1,384	8
1973	1,202	47	1,903	1,101	8
1972	1,160	74	1,702	1,034	11
1971	1,085	45	1,547	886	9

Table 10.9 (cont'd.)

Year	Total Current Expenditure				
	Federal	Provincial	Local	Hospitals	C.P.P.
			$ millions		
1982	29,490	21,883	9,977	3,331	1,569
1981	24,961	19,211	8,845	2,888	1,294
1980	20,717	16,921	7,894	2,521	1,053
1979	18,056	15,271	7,106	2,243	851
1978	16,394	13,909	6,845	2,136	695
1977	15,005	12,597	6,270	1,959	565
1976	13,597	11,447	5,573	1,833	446
1975	12,193	10,148	4,849	1,674	304
1974	9,894	8,119	4,124	1,352	212
1973	8,111	6,830	3,616	1,096	154
1972	7,235	6,152	3,314	986	119
1971	6,228	5,668	3,079	877	84

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*

Note: Current Expenditure on Goods and Services includes capital consumption allowances.

Table 10.10 Government Surplus or Deficit By Level of Government, Ontario, 1971 to 1982

Year	Saving				
	Federal	Provincial	Local	Hospitals	C.P.P.
	$ millions				
1982	- 3,526	- 2,178	1,145	236	1,414
1981	1,195	- 855	1,186	243	1,166
1980	257	- 797	812	216	1,050
1979	201	- 415	1,097	267	1,010
1978	- 76	- 1,005	554	216	921
1977	425	- 817	673	159	887
1976	1,424	- 1,004	551	167	827
1975	1,188	- 1,112	409	7	789
1974	2,891	133	289	48	711
1973	2,408	57	310	18	582
1972	1,823	- 99	379	60	547
1971	1,734	- 106	311	20	515

Table 10.10 (cont'd.)

Year	Capital Consumption Allowances				Gross Capital Formation			
	Federal	Provincial	Local	Hospitals	Federal	Provincial	Local	Hospitals
	$ millions							
1982	341	593	881	182	413	953	1,215	259
1981	296	514	776	157	177	796	1,067	190
1980	258	435	690	140	284	718	1,004	180
1979	231	376	622	123	237	696	943	152
1978	203	334	561	107	299	639	877	166
1977	173	295	503	92	299	588	897	118
1976	155	266	449	83	307	558	862	105
1975	142	243	399	76	297	572	923	113
1974	120	209	340	67	320	535	800	141
1973	97	156	278	56	227	445	600	124
1972	85	131	250	49	211	412	625	115
1971	74	119	220	44	233	328	631	111

Table 10.10 (cont'd.)

Year	Surplus or Deficit (-)				
	Federal	Provincial	Local	Hospitals	C.P.P.
	$ millions				
1982	- 3,598	- 2,538	811	159	1,414
1981	1,314	- 1,137	895	210	1,166
1980	231	- 1,080	498	176	1,050
1979	195	- 735	776	238	1,010
1978	- 172	- 1,310	238	157	921
1977	299	- 1,110	279	133	887
1976	1,272	- 1,296	138	145	827
1975	1,033	- 1,441	- 115	- 30	789
1974	2,691	- 193	- 171	- 26	711
1973	2,278	- 232	- 12	- 50	582
1972	1,697	- 380	4	- 6	547
1971	1,575	- 315	- 100	- 47	515

Source: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*

Notes:
1. Saving is total revenue minus total current expenditures.
2. Surplus or Deficit on a national accounts basis is calculated as saving plus capital consumption allowances minus gross capital formation.

Table 10.11 Personal Direct Taxes, Ontario, 1971 to 1982

Year	Federal Income Taxes	Federal Contributions to Public Service Pensions	Federal Contributions to Unemployment Insurance	Federal Total
	$ millions			
1982	10,382	656	1,837	12,875
1981	9,265	634	1,801	11,700
1980	7,729	499	1,196	9,424
1979	6,799	479	1,086	8,364
1978	5,802	514	1,098	7,414
1977	6,113	515	1,012	7,640
1976	6,307	463	986	7,756
1975	5,432	430	783	6,645
1974	5,073	375	628	6,076
1973	4,364	305	373	5,042
1972	3,784	269	290	4,343
1971	3,433	237	209	3,879

Table 10.11 (cont'd.)

Year	Provincial Income Taxes	Provincial Contributions to Public Service Pensions	Provincial Contributions to Workmen's Compensation	Provincial Total	Contributions to C.P.P.	Total Taxes
	$ millions					
1982	5,243	249	660	6,152	1,807	20,834
1981	4,708	221	555	5,484	1,483	18,667
1980	3,736	198	495	4,429	1,296	15,149
1979	3,208	199	544	3,951	1,178	13,493
1978	3,138	192	505	3,835	1,038	12,287
1977	2,475	159	491	3,125	959	11,724
1976	1,677	154	421	2,257	856	10,864
1975	1,575	129	300	2,004	753	9,402
1974	1,424	92	231	1,747	646	8,469
1973	1,275	89	177	1,541	510	7,093
1972	1,223	84	143	1,450	477	6,270
1971	1,144	74	114	1,332	452	5,663

Sources: CANSIM.
Statistics Canada, *Provincial Economic Accounts, (13-213).*

Notes:
1. Contributions to Public Service Pensions, Workmen's Compensation, Unemployment Insurance and Canada Pension Plan are employer and employee contributions.
2. Succession duties and estate taxes have been included with Income Taxes.

Table 10.12 **Government Transfer Payments to Persons, Ontario, 1971 to 1982**

	Federal							
Year	Family & Youth Allowances	Veterans Pensions & Allowances	Unemployment Insurance Benefits	Pensions to Government Employees	Old Age Security Fund Payments	Other	Total	Canada Pension Plan
				$ millions				
1982	754	327	2,371	664	3,185	597	7,898	1,509
1981	681	287	1,240	579	2,818	468	6,073	1,222
1980	631	257	1,220	511	2,417	416	5,452	1,005
1979	590	243	1,030	428	2,109	316	4,716	814
1978	771	222	1,168	341	1,823	329	4,654	662
1977	728	204	1,009	277	1,622	292	4,132	533
1976	682	188	918	233	1,488	279	3,788	416
1975	686	172	978	177	1,308	269	3,590	281
1974	619	147	607	160	1,156	222	2,911	192
1973	259	130	605	151	987	216	2,348	135
1972	220	108	602	144	849	190	2,113	102
1971	222	103	318	116	745	150	1,654	70

Table 10.12 (cont'd.)

	Provincial							
Year	Income Support	Workmen's Compensation Benefits	Post-secondary Education Grants	Non-profit Associations Grants	Other	Total	Local	Total
					$ millions			
1982	596	685	1,136	559	790	3,766	388	13,561
1981	494	549	1,025	432	685	3,185	343	10,823
1980	445	440	926	406	646	2,863	301	9,621
1979	406	352	870	356	345	2,329	260	8,119
1978	391	329	843	331	311	2,205	236	7,757
1977	375	280	766	286	273	1,980	197	6,842
1976	343	268	724	262	250	1,847	181	6,232
1975	318	227	629	257	213	1,644	181	5,696
1974	233	164	554	199	173	1,323	136	4,562
1973	183	132	488	154	114	1,071	131	3,685
1972	156	116	464	131	108	975	138	3,328
1971	144	99	437	108	305	1,093	150	2,967

Source: Statistics Canada, *Provincial Economic Accounts, (13-213).*

Notes:
1. Government transfer payments to persons exclude interest on public debt and capital assistance.
2. Other Federal transfers include scholarship and reserach grants, adult occupational training payments, local incentive programs, grants to universities, assistance to immigrants and grants from Canada Council.
3. Income Support under Provincial transfers mainly refers to family benefit allowance.
4. Other Povincial transfers include payments under Guaranteed Annual Income System for Aged, property and sales tax grants to senior citizens, public service pension and research and scholarship grants, etc.
5. Local transfer refers to general welfare assistance.

Table 10.13 **Gross Domestic Product at Market Prices, Ontario and Other Regions of Canada, 1971 to 1982**

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1982	137,183.0	20,617.0	83,236.0	128,569.0	369,605.0	37.1
1981	131,625.0	18,544.0	79,990.0	121,417.0	351,576.0	37.4
1980	114,057.0	16,287.0	70,250.0	105,086.0	305,680.0	37.3
1979	103,021.0	16,232.0	62,953.0	89,969.0	272,175.0	37.9
1978	91,297.0	13,901.0	56,562.0	76,459.0	238,219.0	38.3
1977	83,298.0	12,458.0	50,592.0	67,188.0	213,536.0	39.0
1976	76,436.0	11,370.0	46,701.0	60,395.0	194,902.0	39.2
1975	66,229.7	9,809.9	39,761.9	52,384.2	168,185.7	39.4
1974	60,362.6	8,667.0	35,451.0	45,926.1	150,406.7	40.1
1973	51,547.5	7,487.3	30,005.8	36,298.5	125,339.1	41.1
1972	44,762.5	6,381.9	26,258.4	29,114.2	106,517.0	42.0
1971	39,829.4	5,698.1	23,619.7	25,923.4	95,070.6	41.9

Source: Statistics Canada, *Provincial Economic Accounts*, (13-213).

Table 10.14 **Gross Domestic Product, Selected Industries, Ontario Compared to Canada, 1971 to 1982**

	Agriculture		Forestry		Fishing Hunting & Trapping		Oil Wells, Mines & Quarries	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions		$ millions	
1981	2,554.1	25.1	355.1	17.5	35.0	5.4	2,317.7	13.4
1980	2,284.9	25.7	329.8	15.6	31.7	5.5	2,824.2	16.2
1979	2,135.5	26.3	272.9	13.5	33.0	4.9	1,784.0	12.9
1978	1,731.9	24.7	257.6	15.3	22.7	4.1	1,223.9	12.7
1977	1,601.1	27.9	236.7	15.8	17.1	4.8	1,202.3	13.3
1976	1,445.0	24.0	192.8	14.4	14.4	5.0	1,264.3	16.1
1975	1,549.9	24.8	166.0	15.4	11.1	5.7	1,128.9	16.7
1974	1,358.3	23.3	164.2	14.8	11.2	5.3	1,453.8	22.1
1973	1,194.5	25.4	126.5	12.9	13.3	5.2	1,082.0	21.5
1972	825.3	28.1	107.6	14.0	9.5	5.3	703.8	21.0
1971	694.2	25.8	100.4	15.0	7.0	4.7	642.0	21.6

Table 10.14 (cont'd.)

	Manufacturing		Construction		Electric Power, Gas & Water Utilities	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions	
1981	31,329.6	50.1	4,762.4	26.1	3,293.9	35.0
1980	27,569.5	49.2	4,032.4	26.8	2,971.4	35.7
1979	26,015.5	50.3	3,709.3	26.2	2,728.8	37.2
1978	22,305.5	50.4	3,652.2	28.5	2,417.6	38.0
1977	19,895.1	51.1	3,713.6	29.6	2,149.2	39.9
1976	18,178.5	51.2	3,638.2	30.7	1,670.3	38.2
1975	16,012.0	51.3	3,363.7	31.8	1,372.3	38.2
1974	15,758.0	52.4	3,107.3	35.0	1,295.6	40.5
1973	13,524.3	53.3	2,618.1	35.9	1,116.0	40.7
1972	11,548.5	53.9	2,255.7	36.9	972.4	40.1
1971	10,271.9	53.9	2,073.7	35.5	851.3	38.8

Table 10.14 (cont'd.)

Year	Education & Related Services		Hospitals		Accommodation & Food Services	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions	
1981	6,319.9	35.0	2,696.0	31.6	2,807.1	35.4
1980	5,649.6	35.3	2,471.9	32.7	2,528.9	35.3
1979	5,155.3	35.6	2,223.4	33.7	2,233.5	35.1
1978	4,753.9	36.0	2,092.2	34.6	1,991.7	34.8
1977	4,397.5	36.2	1,946.5	35.2	1,719.3	33.9
1976	3,987.6	37.1	1,798.5	35.6	1,572.0	33.7
1975	3,337.8	36.7	1,595.4	37.4	1,353.9	33.9
1974	2,821.5	37.0	1,296.1	36.8	1,196.8	34.8
1973	2,517.5	38.1	1,072.9	36.8	1,004.2	35.3
1972	2,373.6	39.9	977.5	37.7	862.8	35.7
1971	2,157.3	40.5	883.7	37.4	784.5	36.6

Source: Statistics Canada, *Provincial Gross Domestic Product by Industry, (61-202).*

Table 10.15 **Gross Domestic Product in Constant (1971) Prices, Selected Industries, Ontario, 1971 to 1981**

Year	Agriculture	Fishing, Hunting & Trapping	Manufacturing	Education & Related Services	Hospitals	Accommodation & Food Services
				$ millions		
1981	953.1	9.2	13,851.6	2,387.8	856.4	1,161.6
1980	928.5	9.7	13,590.1	2,366.0	861.0	1,152.7
1979	888.1	8.8	14,432.3	2,354.1	858.5	1,131.4
1978	818.0	7.9	13,577.7	2,359.9	857.8	1,116.6
1977	951.8	7.6	13,066.6	2,375.0	858.8	1,046.7
1976	803.5	6.1	12,782.8	2,385.1	863.2	1,011.2
1975	874.9	6.9	12,015.7	2,356.9	896.3	927.2
1974	810.5	7.9	12,861.7	2,277.8	879.7	931.3
1973	818.7	8.5	12,499.9	2,251.6	869.6	883.7
1972	614.2	7.7	11,133.5	2,201.4	881.2	818.2
1971	694.2	7.0	10,271.9	2,157.3	883.7	784.5

Source: Statistics Canada, *Provincial Gross Domestic Product, by Industry, (61-202).*

Table 10.16 Capital and Repair Expenditures, Ontario, Selected Years, 1956 to 1983

Year	Capital Expenditures Construction	Capital Expenditures Machinery & Equipment	Repair Expenditures Construction	Repair Expenditures Machinery & Equipment	Capital & Repair Expenditures Construction	Capital & Repair Expenditures Machinery & Equipment	Capital & Repair Expenditures Total	Capital & Repair Expenditures % of Canada
				$ millions				
1983	11,510	10,643	3,225	4,538	14,735	15,181	29,916	30.6
1982	11,313	10,453	3,032	4,352	14,345	14,806	29,150	29.8
1981	11,333	11,408	2,855	4,323	14,188	15,731	29,919	29.4
1980	9,865	9,241	2,574	3,967	12,439	13,208	25,647	29.9
1979	9,220	7,873	2,350	3,574	11,570	11,448	23,018	30.6
1978	8,914	6,647	2,065	3,099	10,980	9,746	20,725	31.9
1977	8,725	6,008	1,889	2,789	10,614	8,796	19,410	32.5
1976	8,370	5,578	1,696	2,485	10,066	8,063	18,129	32.7
1975	7,493	5,428	1,496	2,139	8,989	7,566	16,555	34.2
1974	7,088	4,728	1,413	1,958	8,501	6,686	15,187	36.1
1973	5,981	3,734	1,154	1,686	7,135	5,420	12,555	36.7
1972	5,253	2,984	1,023	1,512	6,276	4,496	10,772	37.4
1971	4,662	2,798	935	1,383	5,597	4,181	9,778	37.3
1966	3,116	2,173	699	929	3,815	3,102	6,917	35.6
1961	1,828	1,000	501	594	2,329	1,594	3,923	34.7
1956	1,838	1,054	376	510	2,214	1,564	3,777	35.7

Sources: Statistics Canada, *Private and Public Investment in Canada, Outlook*, (61-205).
Private and Public Investment in Canada, Mid-Year Review, (61-206).

Notes: 1. Data for 1983 are revised intentions.
2. Data for 1982 are preliminary actual.

Table 10.17 Private and Public Investment, Ontario, 1976 to 1983

Year	Private Capital & Repair Expenditures Construction	Private Capital & Repair Expenditures Machinery & Equipment	Private Capital & Repair Expenditures Total	Public Capital & Repair Expenditures Construction	Public Capital & Repair Expenditures Machinery & Equipment	Public Capital & Repair Expenditures Total
				$ millions		
1983	10,014	11,467	21,481	4,722	3,714	8,435
1982	9,716	11,559	21,275	4,629	3,247	7,875
1981	10,435	12,725	23,160	3,753	3,006	6,759
1980	9,120	11,202	20,322	3,319	2,006	5,325
1979	8,477	9,425	17,902	3,094	2,023	5,116
1978	7,945	7,920	15,865	3,035	1,826	4,860
1977	7,729	7,149	14,877	2,885	1,648	4,533
1976	7,275	6,418	13,693	2,791	1,645	4,436

Sources: Statistics Canada, *Private and Public Investment in Canada, Outlook*, (61-205).
Private and Public Investment in Canada, Mid-Year Review, (61-206).

Note: See notes, Table 10.16.

Table 10.18 Capital Expenditures, Ontario Compared to Canada, Selected Years, 1951 to 1983

Year	Construction		Machinery & Equipment		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions	
1983	11,510	24.7	10,643	39.2	22,153	30.0
1982	11,313	24.5	10,453	36.2	21,766	29.0
1981	11,333	23.7	11,408	35.9	22,741	28.6
1980	9,865	24.6	9,241	35.5	19,106	28.9
1979	9,220	25.7	7,873	35.0	17,093	29.3
1978	8,914	27.9	6,647	36.0	15,561	30.9
1977	8,725	29.0	6,008	36.5	14,732	31.6
1976	8,370	29.7	5,578	36.0	13,948	32.0
1975	7,493	31.1	5,428	38.3	12,920	33.8
1974	7,088	34.1	4,728	39.0	11,816	35.9
1973	5,981	35.3	3,734	38.6	9,715	36.5
1972	5,253	36.3	2,984	38.5	8,237	37.1
1971	4,662	35.1	2,798	40.5	7,460	37.0
1966	3,088	33.2	2,173	37.4	5,261	34.9
1961	1,794	31.9	1,000	37.7	2,794	33.7
1956	1,788	32.9	1,054	38.2	2,842	34.7
1951	1,023	35.6	717	38.4	1,740	39.5

Sources: Statistics Canada, *Private and Public Investment in Canada, Outlook*, (61-205).
Private and Public Investment in Canada, Mid-Year Review, (61-206).

Note: See notes, Table 10.16.

Table 10.19 Capital Expenditures by Sector, Ontario, Selected Years, 1951 to 1983

Year	Primary Industries & Construction			Manufacturing		
	Construction	Machinery & Equipment	Total	Construction	Machinery & Equipment	Total
				$ millions		
1983	835	1,203	2,039	674	3,095	3,769
1982	873	1,131	2,004	904	3,696	4,600
1981	895	1,222	2,117	1,158	4,488	5,647
1980	764	1,105	1,869	1,047	3,732	4,779
1979	568	1,098	1,667	728	2,817	3,545
1978	455	898	1,353	803	2,283	3,086
1977	430	852	1,282	950	2,409	3,359
1976	409	802	1,211	830	2,186	3,016
1975	348	704	1,051	738	2,123	2,861
1974	294	604	898	570	1,683	2,252
1973	229	493	721	372	1,263	1,635
1972	215	443	658	314	1,027	1,341
1971	213	394	607	312	1,020	1,332
1966	197	308	506	389	1,031	1,420
1961	70	155	225	125	409	534
1956	144	230	374	189	441	630
1951	44	168	212	138	257	395

Table 10.19 (cont'd.)

Year	Utilities			Trade, Finance & Commercial Services		
	Construction	Machinery & Equipment	Total	Construction	Machinery & Equipment	Total
			$ millions			
1983	2,129	3,484	5,613	1,389	2,224	3,613
1982	2,683	3,062	5,744	1,405	2,016	3,421
1981	1,953	2,932	4,885	1,516	2,191	3,707
1980	1,576	2,083	3,659	1,409	1,931	3,340
1979	1,397	1,959	3,356	1,185	1,659	2,844
1978	1,293	1,749	3,042	947	1,374	2,321
1977	1,102	1,311	2,413	864	1,070	1,935
1976	1,047	1,328	2,374	868	940	1,808
1975	1,313	1,368	2,681	864	907	1,771
1974	902	1,225	2,127	884	898	1,782
1973	773	1,033	1,806	749	711	1,460
1972	822	764	1,586	564	547	1,111
1971	763	791	1,554	469	416	884
1966	410	425	836	280	270	551
1961	291	227	518	165	148	313
1956	284	217	501	147	124	271
1951	188	173	361	86	89	175

Table 10.19 (cont'd.)

Year	Institutions & Government Departments				Total Capital Expenditure		
	Construction	Machinery & Equipment	Total	Housing Construction	Construction	Machinery & Equipment	Total
				$ millions			
1983	2,509	636	3,145	3,974	11,510	10,643	22,153
1982	2,423	548	2,971	3,027	11,313	10,453	21,766
1981	2,066	575	2,642	3,743	11,333	11,408	22,741
1980	1,928	391	2,319	3,140	9,865	9,241	19,106
1979	1,794	340	2,133	3,548	9,220	7,873	17,093
1978	1,718	343	2,061	3,699	8,914	6,647	15,561
1977	1,632	365	1,997	3,746	8,725	6,008	14,732
1976	1,605	324	1,929	3,611	8,370	5,578	13,948
1975	1,677	327	2,003	2,554	7,493	5,428	12,920
1974	1,566	319	1,885	2,872	7,088	4,728	11,816
1973	1,282	234	1,516	2,577	5,981	3,734	9,715
1972	1,302	202	1,504	2,037	5,253	2,984	8,237
1971	1,263	179	1,441	1,642	4,662	2,798	7,460
1966	935	137	1,073	876	3,088	2,173	5,261
1961	599	61	660	543	1,794	1,000	2,794
1956	424	42	466	602	1,788	1,054	2,842
1951	234	30	264	333	1,023	717	1,740

Sources Statistics Canada, *Private and Public Investment in Canada, Outlook*, (61-205).
Private and Public Investment in Canada, Mid-Year Review, (61-206).

Notes: 1. See notes, Table 10.16.
2. Housing consists of construction only.

Chapter 11
Prices

Prices

Price statistics, normally presented as indexes of change over a given base year, provide a means of measuring movements in the cost of purchasing particular goods and services. They can serve as indicators of inflation and are used as deflators to measure production in real terms. This latter aspect is important for considering changes in volume of output for those items which can only be measured in monetary terms. Price indexes can also be used to protect real income through the indexation of income tax provisions, pension plans, assistance programs, and labour and business contracts.

Sources of Data

Statistics Canada provides price indexes covering the following areas:

- gross national expenditure implicit prices;
- consumer prices;
- construction prices;
- industry prices;
- external trade;
- farm prices.

Much of the available price data refer to Canada only. However, some indexes, such as the building construction input price index, are specific to Ontario, while others, such as the consumer price index and the new housing price index, relate to particular urban areas in the Province.

The gross national expenditure implicit price indexes are the most comprehensive measures available, referring to total expenditure on all goods and services in the Canadian economy. They can therefore be used as a measure of price changes taking place in the economy as a whole. At this level of aggregation, changes in prices for Canada provide a reasonable approximation of price trends in the Ontario economy. The indexes are available for total gross national expenditure and for its main expenditure components covering consumer expenditure, government spending, business investment and foreign trade.

Statistics Canada derive these indexes as a by-product of their deflation of current gross national expenditure, by dividing current values by constant dollar series. The resultant indexes are currently-weighted Paasche-type price indexes which reflect not only price changes, but also changes in the expenditure pattern of the group to which they refer. Generally, these changes in expenditure patterns are not sufficiently important to interfere with use of the indexes to measure year-to-year price changes, but major expenditure shifts sometimes affect the validity of the index.

The gross national expenditure implicit price indexes are published quarterly in *National Income and Expenditure Accounts, (13-001)*, and are available on CANSIM. Further information on their derivation is available in *National Income and Expenditure Accounts, Volume 3, A Guide to the National Income and Expenditure Accounts, Definitions-Concepts-Sources-Methods, (13-549)*, or from the Gross National Product Division of Statistics Canada, telephone Ottawa, 990-9151.

The Consumer Price Index (CPI) is the most widely known and used measure of price change. The CPI is a monthly index based on surveys of prices covering up to 400 consumer commodities in 64 urban centres. Separate indexes are published for fifteen regional cities across Canada, including Ottawa, Toronto and Thunder Bay.

The CPI is a base-weighted Laspeyres-type price index which reflects price changes of a fixed basket of goods and services. Because the basket of goods and services is held constant the CPI, in contrast to the gross national expenditures implicit price indexes, reflects only price movements and not changes in the quantity or quality of consumer spending patterns.

The weights used to fix consumer expenditure patterns are updated from time to time, with the current basket selected on the basis of information from the 1978 Family Expenditure Survey. This survey covers persons living in private households (both families and individuals) in urban centres of 30,000 or more. This urban orientation of the weighting, combined with urban price surveys, leads to a CPI which relates only to urban consumers.

The CPI covers eight major commodity groupings: all items; food; housing; clothing; transportation; health and personal care; recreation; reading and education; and tobacco and alcohol. Within each category, considerable commodity detail is available. As well, some special aggregates, such as all items except food, all items except energy, and energy, are constructed to allow measurement of particular commodity groups.

The CPI is available on a seasonally adjusted basis, but only for Canada as a whole. The indexes for each of the 15 regional cities show price movements over time within each specific city. However, they do not indicate price level differences between cities. To make valid comparisons between cities at one specific point in time, special inter-city indexes are available.

The CPI should not be considered a cost-of-living index. To some extent as prices change, consumers can shift their spending patterns to replace relatively more expensive commodities with substitutes. Also, the CPI does not attempt to cover every item which a consumer might purchase.

Basic CPI data are published monthly in *The Consumer Price Index, (62-001)*, with more detailed information and inter-city indexes issued quarterly in *Consumer Prices and Price Indexes, (62-010)*. The information is also available on CANSIM. As an annual supplement to the quarterly publication, Statistics Canada publishes experimental CPI data for low income families and individuals.

Statistics Canada develops a wide range of input and output price indexes for both residential and non-residential construction. The construction input price indexes reflect changes in the cost of labour and material, but exclude productivity changes and other items such as site preparation, overhead and profit. Prices of materials are based on manufacturers' commodity selling prices, while labour rates reflect movements in basic union wage rates for various trades.

New housing price indexes measure changes in selling prices and reflect the price of both dwellings and land. These indexes are based on houses constructed by large and medium volume builders in urban areas. The indexes relating to serviced land are based on builders' estimates of value, which are slow to change, especially in a downward direction. Non-residential construction price indexes are available by type of building, with specific indexes related to highways, electrical utilities and specialized plant construction.

Construction price data are published monthly in *Construction Price Statistics, (62-007)*, and are available on CANSIM.

Statistics Canada's industry price program covers industry selling prices, energy inputs, raw materials and industrial materials. Industry selling price indexes measure price movements of products shipped by manufacturers, covering about 110 industries and approximately 700 commodities. Although industry data are available at the Canada level only, a very limited amount of commodity detail relates specifically to Ontario. Price measurements are taken by survey and represent transaction prices for new orders, F.O.B. at the factory gate excluding discounts and taxes. Electric power selling price indexes are compiled for two broad categories of purchasers: non-residential users with bills for less than 5,000kW and large industrial customers. The raw materials price index measures changes in the price of new material purchased by industry for additional processing. These purchase prices include transportation costs, taxes and customs duties. The data are published monthly in *Industry Price Indexes, (62-011)*, and are available on CANSIM.

Export and import price indexes, available at the national level only, are current-weighted indexes based on data collected from bills of lading and other customs clearance documents. The data are published monthly in *Summary of External Trade, (65-001)*, and are available on CANSIM. For further information, contact the External Trade Division of Statistics Canada, telephone Ottawa, 990-9784.

Farm input price indexes are compiled from reports of farm suppliers and other sources for both eastern and western Canada. An index of agricultural product prices is produced by province. The data are published quarterly in *Farm Input Price Index, (62-004)*, and are available on CANSIM.

For further information on Statistics Canada's price data, except in the area of foreign trade, contact the Prices Division at the following numbers:

- consumer prices, telephone Ottawa, 990-9606;
- construction prices, telephone Ottawa, 990-9601;
- industrial and agricultural prices, telephone Ottawa, 990-9611.

Additional sources of price information include Agriculture Canada's *Retail Food Price Report* and the *Royal Trust Survey of Canadian House Prices.*

Prices

Charts:

11.1 Consumer Price Index, Goods and Services, Canada, Percentage Change, 1972 to 1982
11.2 Major Price Indexes, Canada, Percentage Change, 1972 to 1982
11.3 Industry Selling Prices, Canada, Percentage Change, 1972 to 1982

Tables:

11.1 Implicit Price Indexes, Gross National Expenditure, Canada, Selected Years, 1961 to 1982
11.2 Consumer Price Index, Major Components, Canada, Selected Years, 1961 to 1982
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11.4 Consumer Price Index: Food, Energy and Housing, Canada, 1971 to 1982
11.5 Experimental Consumer Price Index, Low Income Families and Unattached Individuals, Canada, 1979 to 1982
11.6 Consumer Price Index, All Items, Toronto, Ottawa and Thunder Bay, 1971 to 1982
11.7 Consumer Price Index, Food, Toronto, 1971 to 1982
11.8 Consumer Price Index, Housing, Toronto, 1974 to 1982
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11.14 Building Construction Input Price Indexes, Ontario and Canada, 1971 to 1982
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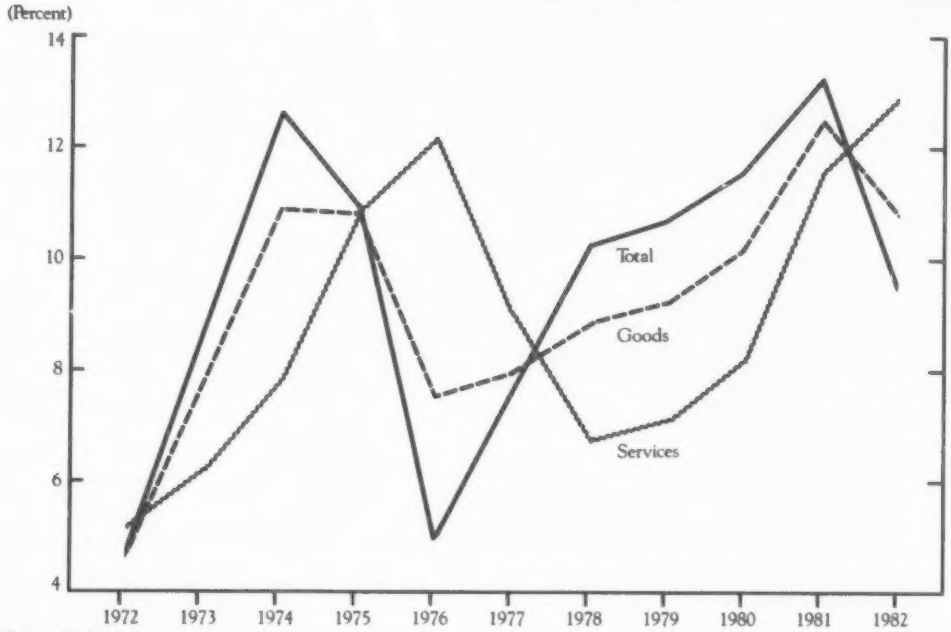
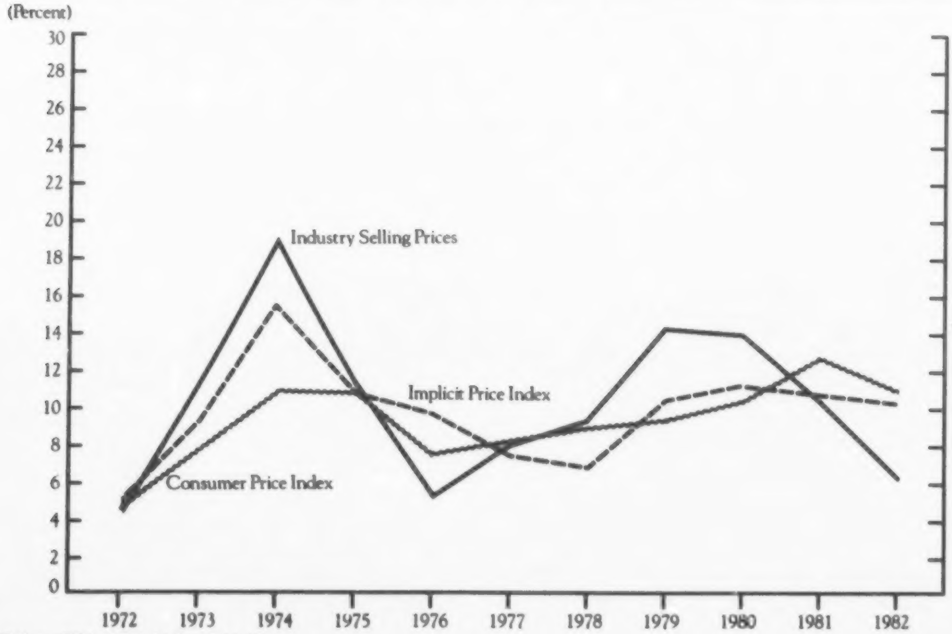
Chart 11.1 Consumer Price Index, Goods and Services, Canada, Percentage Change, 1972 to 1982



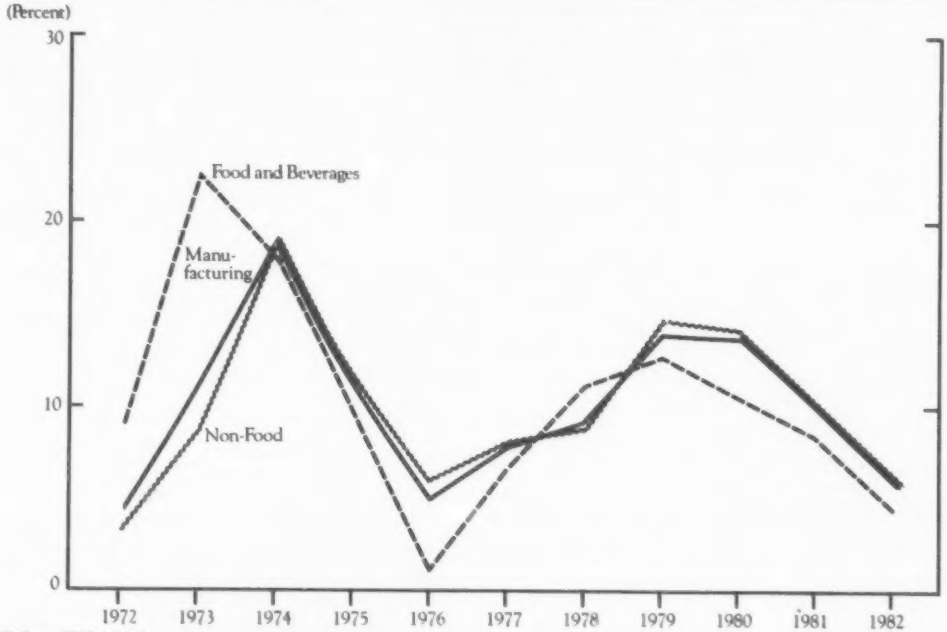
Refer to Table 11.3

Chart 11.2 Major Price Indexes, Canada, Percentage Change, 1972 to 1982



Refer to Tables 11.1, 11.2 and 11.17

Chart 11.3 Industry Selling Prices, Canada, Percentage Change, 1972 to 1982



Refer to Table 11.17

Table 11.1 **Implicit Price Indexes, Gross National Expenditure, Canada, Selected Years, 1961 to 1982**

Year	Expenditure Goods & Services		Gross Fixed Capital Formation		Trade Goods & Services		Gross National Expenditure
	Personal	Gov't.	Gov't.	Business	Exports	Imports	
				1971 = 100			
1982	258.4	333.1	273.5	269.2	306.0	302.0	274.2
1981	233.2	296.7	254.1	251.4	298.7	289.5	249.1
1980	209.1	259.9	225.2	226.3	279.0	260.9	225.2
1979	188.7	229.8	203.0	207.4	241.2	226.5	202.7
1978	172.7	210.7	185.4	191.0	202.9	199.1	183.8
1977	160.5	194.5	172.2	175.8	187.1	175.5	172.3
1976	148.5	177.4	161.6	162.1	174.1	156.3	160.4
1975	137.3	156.0	153.2	149.6	168.6	153.6	146.3
1974	124.2	135.1	138.0	132.5	152.2	134.3	132.1
1973	111.6	116.4	114.8	114.1	117.4	111.2	114.6
1972	104.0	107.2	105.2	104.9	103.9	103.1	105.0
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1966	84.3	72.8	85.3	85.1	91.1	89.2	82.6
1961	76.8	59.1	71.4	71.6	81.3	80.3	72.4

Source: Statistics Canada, *National Income and Expenditure Accounts*, (13-201).

Table 11.2 **Consumer Price Index, Major Components, Canada, Selected Years, 1961 to 1982**

Year	Food	Housing	Clothing	Trans-portation	Health & Personal Care	Recreation Reading & Education	Tobacco & Alcohol	All Items
					1981 = 100			
1982	107.2	112.5	105.6	114.1	110.6	108.7	115.5	110.8
1981	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980	89.8	89.0	93.4	84.5	90.2	90.8	88.6	88.9
1979	81.0	82.3	83.6	74.9	82.0	82.9	79.6	80.7
1978	71.6	76.9	76.5	68.3	75.2	77.6	74.3	73.9
1977	62.0	71.5	73.7	64.6	70.2	74.7	68.7	67.9
1976	57.3	65.4	69.0	60.3	65.3	71.3	64.2	62.9
1975	55.8	58.9	65.4	54.4	60.2	67.3	59.9	58.5
1974	49.4	53.5	61.7	48.7	54.0	61.0	53.4	52.8
1973	42.4	49.2	56.3	44.3	49.7	56.1	50.6	47.6
1972	37.0	46.2	53.6	43.2	47.4	53.8	49.1	44.2
1971	34.4	44.2	52.2	42.1	45.2	52.4	47.8	42.2
1966	30.6	35.1	45.5	34.7	37.0	42.0	40.0	35.2
1961	26.2	32.3	40.6	32.4	31.8	38.6	37.2	31.6

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 11.3 **Consumer Price Index, Goods and Services, Canada, Selected Years, 1961 to 1982**

	Goods						
Year	Durable	Semi-Durable	Non-Durable	Excluding Food	Total	Services	All Items
				1981 = 100			
1982	105.6	106.6	111.6	110.7	109.4	112.9	110.8
1981	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980	91.4	92.6	86.2	88.0	88.4	89.7	88.9
1979	82.4	84.4	76.9	78.8	79.3	82.9	80.7
1978	75.2	77.6	69.1	72.2	71.7	77.4	73.9
1977	71.0	74.7	61.5	68.2	65.1	72.5	67.9
1976	67.6	70.2	56.9	63.9	60.6	66.5	62.9
1975	64.1	67.0	54.3	59.9	57.8	59.3	58.5
1974	59.6	63.3	48.1	54.8	52.1	53.5	52.8
1973	55.3	57.8	42.0	49.9	46.3	49.6	47.6
1972	54.6	55.3	37.6	48.0	42.6	46.7	44.2
1971	53.9	54.0	35.6	47.0	40.7	44.4	42.2
1966	49.7	47.1	30.9	41.0	35.8	33.8	35.2
1961	50.7	42.2	27.5	38.8	32.5	29.6	31.6

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes* (62-010).

Table 11.4 **Consumer Price Index: Food, Energy and Housing, Canada, 1971 to 1982**

				All Items Excluding			
Year	Food	Energy	Housing	Food	Energy	Food & Energy	Housing
				1981 = 100			
1982	107.2	119.8	112.5	111.8	109.8	110.8	109.9
1981	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980	89.8	76.9	89.0	88.7	90.1	90.2	88.9
1979	81.0	66.3	82.3	80.6	82.1	82.5	79.9
1978	71.6	60.4	76.9	74.7	75.3	76.6	72.4
1977	62.0	55.2	71.5	70.2	69.1	72.2	66.0
1976	57.3	49.2	65.4	65.1	64.2	67.3	61.6
1975	55.8	42.7	58.9	59.5	60.1	61.9	58.2
1974	49.4	37.6	53.5	54.0	54.3	56.4	52.3
1973	42.4	32.6	49.2	49.7	49.1	52.1	46.8
1972	37.0	29.9	46.2	47.3	45.7	49.8	43.2
1971	34.4	29.1	44.2	45.6	43.5	48.0	41.2

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 11.5 Experimental Consumer Price Index, Low Income Families and Unattached Individuals, Canada, 1979 to 1982

Year	Food	Housing	Shelter	Clothing	Transportation	Health & Personal Care	Recreation Reading & Education	Tobacco & Alcohol	All Items
					September 1978 = 100				
1982									
Official CPI	147.1	144.3	138.3	137.4	165.4	145.3	139.0	153.0	147.9
Low-Income CPI	147.6	139.5	128.7	137.5	165.4	146.1	136.2	153.3	144.7
1981									
Official CPI	137.2	128.2	123.3	130.2	144.9	131.4	127.9	132.4	133.5
Low-Income CPI	138.4	125.3	118.0	129.4	142.9	131.7	125.0	132.2	131.7
1980									
Official CPI	123.1	114.1	111.3	121.6	122.4	118.5	116.2	117.3	118.7
Low-Income CPI	124.0	112.6	109.4	120.2	121.4	118.6	114.7	116.5	118.0
1979									
Official CPI	111.2	105.5	104.4	108.8	108.6	107.8	106.0	105.5	107.7
Low-Income CPI	111.8	104.9	103.7	108.6	107.8	107.9	105.6	104.9	107.7

Source: Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 11.6 Consumer Price Index, All Items, Toronto, Ottawa and Thunder Bay, 1971 to 1982

Year	Toronto	Ottawa	Thunder Bay
		1981 = 100	
1982	111.3	109.9	110.4
1981	100.0	100.0	100.0
1980	88.9	89.4	89.5
1979	80.7	81.6	81.5
1978	73.9	74.9	74.9
1977	68.1	69.1	69.3
1976	63.2	63.9	64.3
1975	58.9	59.4	59.1
1974	53.2	54.2	53.1
1973	48.1	48.9	47.9
1972	44.6	45.3	44.6
1971	42.5	43.2	42.7

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 11.7 Consumer Price Index, Food, Toronto, 1971 to 1982

	Purchased From Stores						
Year	Meat, Poultry & Fish	Dairy Products & Eggs	Fruits & Vegetables	Cereal & Bakery Products	Total	Purchased From Restaurants	All Food
				1981 = 100			
1982	105.3	110.0	112.0	105.6	107.4	112.4	107.2
1981	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980	91.1	86.2	88.2	85.8	89.5	91.4	89.8
1979	85.4	75.2	82.4	74.6	80.6	83.7	81.0
1978	71.4	68.4	76.8	63.9	71.4	74.9	71.6
1977	55.6	64.6	67.4	59.4	62.2	69.1	62.0
1976	54.6	61.2	56.2	55.6	57.1	65.6	57.3
1975	55.9	58.2	54.4	55.2	56.6	61.7	55.8
1974	52.6	47.1	50.4	46.6	49.9	54.3	49.4
1973	48.4	..	..	37.4	43.1	46.6	42.4
1972	39.2	..	..	33.9	37.3	42.2	37.0
1971	34.5	..	..	32.9	34.6	39.7	34.4

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 11.8 Consumer Price Index, Housing, Toronto, 1974 to 1982

Year	Shelter			Household Operation	Household Furn. & Equip. Related Services	All Housing
	Rented	Owned	Total			
			1981 = 100			
1982	107.4	113.8	111.9	117.0	106.7	112.9
1981	100.0	100.0	100.0	100.0	100.0	100.0
1980	94.8	88.3	90.3	85.4	88.0	89.1
1979	90.7	83.0	85.3	76.8	82.0	82.6
1978	86.9	79.4	81.6	69.2	77.8	77.3
1977	82.9	73.5	76.2	63.3	74.7	71.9
1976	78.4	66.7	69.9	57.3	71.3	66.0
1975	73.7	59.1	63.0	51.4	66.8	59.7
1974	69.6	53.9	58.1	45.3	61.0	54.4

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 11.9 Consumer Price Index, Clothing, Toronto, 1974 to 1982

Year	Women's	Men's	Girls'	Boys'	Materials & Related Services	All Clothing
			1981 = 100			
1982	103.6	107.0	105.6	107.4	110.4	105.9
1981	100.0	100.0	100.0	100.0	100.0	100.0
1980	95.8	92.8	94.4	91.8	90.4	93.7
1979	83.3	84.6	85.8	83.3	80.8	83.4
1978	73.5	76.9	76.2	76.9	75.1	75.1
1977	69.7	73.6	70.5	70.2	70.4	71.0
1976	66.4	69.9	67.7	64.8	65.8	67.2
1975	63.5	66.8	66.7	63.0	59.4	63.9
1974	62.2	64.7	64.4	61.1	53.9	61.3

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Table 11.10 Consumer Price Index, Transportation, Selected Components, Toronto, 1974 to 1982

Year	Auto & Truck Operation	Gasoline	Transportation		All Transportation
			Private	Public	
			1981 = 100		
1982	118.6	118.5	113.2	118.1	114.1
1981	100.0	100.0	100.0	100.0	100.0
1980	79.8	74.3	83.8	85.8	84.1
1979	70.4	62.5	74.3	74.6	74.4
1978	63.8	56.3	66.9	68.3	67.1
1977	60.8	53.7	63.2	64.9	63.4
1976	56.6	49.5	59.0	61.7	59.4
1975	51.2	43.9	53.7	52.4	53.5
1974	44.7	38.7	48.7	44.6	48.0

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes*, (62-010).

Note: Data for some transportation components are not available because of confidentiality.

Table 11.11 Consumer Price Index: Health, Personal Care, Recreation, Reading and Education, Toronto, 1974 to 1982

Year	Health Care	Personal Care	Health & Personal Care	Recreation	Reading & Education	Recreation Reading & Education
			1981 = 100			
1982	113.7	109.1	111.1	107.8	113.0	109.0
1981	100.0	100.0	100.0	100.0	100.0	100.0
1980	89.7	89.6	89.6	90.2	90.0	90.1
1979	82.9	80.0	81.2	82.3	80.6	81.9
1978	73.6	73.3	73.4	77.5	74.2	76.7
1977	67.5	68.7	68.2	75.8	69.8	74.1
1976	63.1	63.2	63.2	72.5	67.6	71.2
1975	57.4	58.6	58.2	68.6	64.0	67.4
1974	49.5	53.2	51.8	62.0	57.5	60.7

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes (62-010).*

Table 11.12 Consumer Price Index, Tobacco and Alcohol, Toronto, 1974 to 1982

Year	Tobacco Products & Smokers' Supplies	Cigarettes & Cigarette Tobacco	Alcoholic Beverages	Beer Purchased from Stores	Tobacco & Alcohol
			1981 = 100		
1982	117.7	118.0	115.4	119.9	116.1
1981	100.0	100.0	100.0	100.0	100.0
1980	89.3	88.9	88.8	85.8	89.0
1979	82.4	82.4	79.3	75.5	80.2
1978	78.3	78.4	73.0	70.4	74.7
1977	71.3	71.6	69.5	67.4	69.6
1976	65.2	65.8	65.9	63.3	64.8
1975	59.7	60.1	62.6	59.0	60.5
1974	53.8	54.4	56.4	54.4	54.6

Sources: CANSIM.
Statistics Canada, *Consumer Prices and Price Indexes,* (62-010).

Table 11.13 Intercity Price Comparisons, Selected Food Items, 1983

	Halifax	Montreal	Toronto	Winnipeg	Calgary	Vancouver	Weighted Averages
				actual prices			
Sirloin Steak 1 kg.	8.95	8.34	10.45	9.70	9.45	9.85	9.44
Round Steak 1 kg.	6.03	6.99	7.46	6.21	7.58	9.04	7.35
Bacon 500 g.	2.62	2.58	2.92	2.49	3.22	3.02	2.79
Chicken 1 kg.	2.88	3.02	3.06	3.18	3.47	3.35	3.12
Milk, Fresh 1 L.	.88	.77	.96	.74	.80	.99	.88
Butter 454 g.	2.27	2.25	2.38	2.26	2.19	2.40	2.30
Eggs, Large 1 doz.	1.34	1.36	1.24	1.21	1.27	1.45	1.31
Bread, Store Brand 675 g.	.82	.92	.82	.97	.97	1.14	.91
Bananas 1 kg.	1.11	1.52	1.38	1.52	1.35	1.44	1.45
Grapefruit 1 kg.	1.55	1.39	1.67	1.16	1.12	1.28	1.39
Oranges 1 kg.	1.31	.98	1.31	1.27	1.35	.80	1.12
Lettuce 1 kg.	1.71	1.56	1.25	1.10	1.39	.90	1.40
Potatoes 4.54 kg.	2.64	2.13	3.21	1.70	2.83	2.70	2.60
Sugar 2 kg.	1.35	1.78	1.86	1.98	1.86	1.85	1.82
Coffee, Regular 369 g.	3.04	3.53	3.40	3.11	3.15	3.24	3.36
Soft Drinks 750 ml.	.80	.66	.72	.79	.86	.89	.74
Cigarettes carton, 200	11.33	12.64	13.77	12.34	11.49	11.86	12.95

Source: Statistics Canada, *Consumer Prices and Price Indexes,* (62-010).

Notes: 1. City average retail prices for July 1983.
2. The weighted average price for each item is derived by weighting the relevant city averages. The importance of each city in calculating city averages is determined by the volume of its retail sales.

Table 11.14 Building Construction Input Price Indexes, Ontario and Canada, 1971 to 1982

Year	Residential			Non-Residential		
	Materials	Labour	Construction Input Price	Materials	Labour	Construction Input Price
			1971 = 100			
Ontario						
1982	243.6	260.2	249.7	..	257.7	267.0
1981	234.1	240.2	236.4	..	237.0	245.6
1980	212.7	222.2	216.2	..	219.3	225.0
1979	203.0	209.0	205.2	..	206.7	207.7
1978	179.0	195.5	185.1	..	194.2	186.4
1977	160.8	185.3	169.9	..	184.3	174.4
1976	151.0	165.8	156.4	..	167.8	161.9
1975	138.8	146.2	141.6	..	146.0	146.6
1974	134.9	133.8	134.5	..	132.8	135.2
1973	123.5	123.5	123.5	..	123.6	118.1
1972	109.2	112.2	110.3	..	113.0	108.8
1971	100.0	100.0	100.0	..	100.0	100.0
Canada						
1982	244.4	282.6	258.0	275.3	284.3	279.6
1981	236.4	258.5	244.3	253.3	260.2	256.6
1980	215.1	236.3	222.7	230.2	238.2	234.0
1979	207.0	219.5	211.4	208.7	221.3	214.6
1978	184.1	206.2	192.0	179.4	208.4	193.2
1977	165.2	193.9	175.5	165.6	195.4	179.7
1976	153.6	172.8	160.5	156.6	175.9	165.7
1975	139.7	151.6	144.0	147.0	154.1	150.4
1974	135.2	133.8	134.7	137.3	134.7	136.1
1973	124.0	121.8	123.2	113.1	122.3	117.5
1972	109.8	110.6	110.1	104.9	111.0	107.8
1971	100.0	100.0	100.0	100.0	100.0	100.0

Source: Statistics Canada, *Construction Price Statistics*, (62-007).

Table 11.15 New Housing Price Indexes, Selected Ontario Metropolitan Areas, 1975 to 1982

Year	Toronto	Ottawa-Hull	Hamilton	St. Catharines Niagara	Windsor	Thunder-Bay	Canada
				1976 = 100			
1982	123.0	130.1	125.3	124.9	132.1	132.0	132.7
1981	121.9	120.0	116.9	123.6	138.7	130.1	132.9
1980	104.1	107.6	107.1	119.0	141.1	127.0	118.6
1979	99.2	101.8	104.2	116.7	136.1	122.0	109.0
1978	99.8	101.3	103.9	113.7	115.3	115.7	106.0
1977	99.7	102.9	102.8	108.5	106.6	109.6	103.3
1976	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1975	94.6	92.6	..	92.9	..	..	..

Source: Statistics Canada, *Construction Price Statistics*, (62-007).

Table 11.16 New Housing Price Indexes, House and Land, Selected Ontario Metropolitan Areas, 1976 to 1982

Year	Ottawa-Hull		Toronto		Thunder Bay	
	House	Land	House	Land	House	Land
			1976 = 100			
1982	132.7	123.2	134.1	104.9	131.2	133.6
1981	120.8	117.9	131.3	106.4	128.3	133.9
1980	106.0	111.7	104.4	103.8	124.1	133.0
1979	98.8	110.3	97.1	102.6	119.6	126.9
1978	98.3	109.3	98.1	102.5	114.3	118.6
1977	100.5	109.3	98.6	101.7	108.6	111.8
1976	100.0	100.0	100.0	100.0	100.0	100.0

Source: Statistics Canada, *Construction Price Statistics*, (62-007).

Table 11.17 Industry Selling Prices, Canada, 1971 to 1982

Year	Food & Beverages	Non-Food Industries			Manufacturing
		Basic	Other	Total	
			1971 = 100		
1982	295.5	298.3	282.7	287.3	288.8
1981	282.7	292.0	260.8	270.1	272.4
1980	260.5	276.0	230.8	244.3	247.2
1979	235.6	246.4	200.3	214.1	217.2
1978	208.9	..	..	186.4	190.4
1977	187.9	..	..	171.3	174.3
1976	175.8	..	..	158.4	161.6
1975	173.4	..	..	149.3	153.7
1974	157.6	..	..	133.8	138.1
1973	133.5	..	..	112.3	116.1
1972	109.0	..	..	103.4	104.4
1971	100.0	..	..	100.0	100.0

Sources: CANSIM.
Statistics Canada, *Industry Price Indexes*, (62-011).

Notes:
1. Food & Beverages excludes alcoholic beverages.
2. Non-Food Industries includes alcoholic beverages.
3. Basic Industries consists of the following major groups: wood, paper and allied industries, primary metal and non-metallic mineral products industries.

Table 11.18 Raw Materials Price Indexes, Canada, 1977 to 1982

Year	Vegetable	Animal	Textile	Wood	Ferrous	Non-Ferrous	Non-Metallic Mineral	Coal, Crude Oil & Nat. Gas	Total
					1977 = 100				
1982	121.3	162.4	142.5	140.7	132.9	153.3	176.7	179.5	199.9
1981	143.2	155.4	150.4	152.3	141.7	180.6	154.5	231.6	184.6
1980	145.1	147.5	132.7	149.5	134.8	221.6	133.4	157.9	154.9
1979	114.8	143.7	113.5	142.0	135.9	162.2	116.0	133.1	135.3
1978	99.7	121.5	101.2	111.2	113.4	113.7	106.5	118.3	114.9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Statistics Canada, *Industry Price Indexes*, (62-011).

Table 11.19 Electric Power Selling Price Indexes, Non-residential, Over 5,000 KW, Ontario and Other Regions of Canada, 1971 to 1982

Year	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			1971 = 100			
1982	346.0	353.4	364.9	326.5	349.8	349.9
1981	313.2	343.7	302.7	302.0	250.4	306.7
1980	286.1	325.4	261.3	284.1	242.9	279.1
1979	253.9	311.6	226.7	256.6	199.7	247.2
1978	232.4	263.1	205.4	239.6	179.7	224.2
1977	223.6	224.2	162.0	201.7	167.4	201.7
1976	152.6	162.6	146.9	175.2	149.9	153.6
1975	132.2	137.5	133.4	136.4	112.8	131.6
1974	123.6	118.2	116.1	119.9	102.2	119.2
1973	113.2	100.7	100.0	102.1	102.2	107.1
1972	101.6	100.0	100.0	100.0	102.2	101.0
1971	100.0	100.0	100.0	100.0	100.0	100.0

Source: Statistics Canada, *Industry Selling Prices*, (62-011).

Table 11.20 Capital Expenditure Price Indexes, Canada, 1971 to 1982

Year	Construction		Chemical & Petro-Chemical Plant	Chemical & Mineral Process Plant	Machinery & Equipment
	Highway	Electric Utility			
			1971 = 100		
1982	329.3	286.4	295.6	292.6	261.8
1981	311.6	265.7	269.4	266.7	243.2
1980	262.8	234.2	243.8	240.2	219.4
1979	232.2	212.9	221.1	216.6	198.9
1978	214.4	195.8	201.1	195.6	179.2
1977	198.2	181.8	186.4	181.9	159.2
1976	185.1	171.6	172.9	168.5	145.0
1975	177.5	157.6	158.9	155.9	137.5
1974	158.7	137.9	134.2	132.9	120.3
1973	118.3	116.1	113.6	112.5	106.7
1972	105.1	106.3	105.9	105.3	102.5
1971	100.0	100.0	100.0	100.0	100.0

Sources: CANSIM.
Statistics Canada, *Construction Price Statistics*, (62-007).

Table 11.21 Export Trade Price Indexes, Canada, 1968 to 1982

Year	Live Animals	Food, Feed, Beverages & Tobacco	Crude Material Inedible	Fabricated Materials Inedible	End Products Inedible	All Trade
			1971 = 100			
1982	240.6	308.8	580.3	355.5	229.4	310.9
1981	243.9	327.6	543.3	360.9	214.2	309.5
1980	251.2	301.3	528.8	335.3	194.9	290.9
1979	259.5	263.1	392.7	292.0	175.8	248.2
1978	175.3	214.5	309.5	236.3	157.8	205.3
1977	139.3	191.6	284.7	212.6	144.3	188.6
1976	130.9	212.6	256.4	191.1	134.0	177.2
1975	131.0	223.3	244.2	183.0	127.5	173.1
1974	159.0	221.7	209.9	160.0	114.7	156.3
1973	163.8	147.1	121.6	122.0	104.5	117.9
1972	124.5	105.7	101.9	104.6	102.1	103.4
1971	100.0	100.0	100.0	100.0	100.0	100.0
1970	101.3	96.3	99.9	101.1	97.8	99.2
1969	93.7	97.3	96.7	97.8	94.0	96.1
1968	83.8	100.9	93.6	93.8	92.4	94.0

Sources: CANSIM.
Statistics Canada, *Summary of External Trade*, (65-001).

Note: These indexes are current weighted price indexes.

Table 11.22 Import Trade Price Indexes, Canada, 1968 to 1982

Year	Live Animals	Food, Feed, Beverages & Tobacco	Crude Material Inedible	Fabricated Materials Inedible	End Products Inedible	All Trade
			1971 = 100			
1982	224.4	271.0	625.4	338.0	270.7	303.7
1981	234.7	280.9	739.6	326.4	253.8	298.6
1980	239.2	267.7	622.5	314.8	221.1	267.7
1979	241.6	241.0	514.8	260.8	197.6	229.2
1978	186.9	214.6	429.0	214.0	178.7	200.9
1977	138.7	190.3	399.2	184.5	156.3	176.9
1976	114.7	159.3	360.1	162.5	139.1	157.6
1975	134.2	172.0	350.1	162.4	135.6	157.4
1974	127.6	162.8	285.5	148.0	115.8	135.9
1973	141.2	129.9	129.0	110.7	105.4	110.1
1972	109.3	107.7	106.4	99.4	102.1	102.3
1971	99.5	100.2	100.0	100.0	100.0	100.0
1970	95.2	95.9	96.0	100.2	98.1	98.2
1969	112.1	89.4	93.3	99.0	96.7	96.3
1968	104.8	87.5	89.1	97.9	94.3	94.0

Sources: CANSIM.
Statistics Canada, *Summary of External Trade*, (65-001).

Note: 1. These indexes are current weighted price indexes.
2. Base year figure differs from 100.0 due to re-edit and price adjustments made by Statistics Canada.

Table 11.23 Farm Input Price Indexes, Eastern Canada, Western Canada and Canada, 1971 to 1982

Year	Eastern Canada	Western Canada	Canada
		1971 = 100	
1982	294.8	312.3	303.3
1981	286.0	303.2	294.4
1980	253.5	261.7	257.6
1979	232.1	237.9	234.9
1978	199.3	203.0	201.1
1977	180.4	179.5	180.0
1976	170.8	174.9	172.8
1975	161.8	163.0	162.4
1974	150.4	145.3	147.9
1973	128.1	125.0	126.5
1972	105.0	107.0	106.0
1971	100.0	100.0	100.0

Source: Statistics Canada, *Farm Input Price Index*, (62-004).

Table 11.24 Farm Price Indexes, Agricultural Products, Ontario and Canada, 1971 to 1982

Year	Ontario			Canada		
	Crops	Livestock	Total	Crops	Livestock	Total
			1971 = 100			
1982	235.6	285.0	270.6	303.3	287.9	292.9
1981	242.1	272.1	263.3	337.4	274.4	298.2
1980	222.8	252.2	241.2	312.0	254.6	276.4
1979	204.7	242.6	231.6	265.4	249.8	255.7
1978	189.2	213.0	206.1	224.8	217.8	220.5
1977	178.8	180.7	180.2	213.5	178.4	191.7
1976	174.3	177.9	176.9	226.4	175.9	195.1
1975	166.2	178.0	174.6	246.4	177.3	203.6
1974	166.6	162.6	163.7	273.7	163.6	205.5
1973	145.0	149.5	148.2	202.7	150.6	170.4
1972	104.4	113.5	110.9	113.7	114.2	114.0
1971	100.0	100.0	100.0	100.0	100.0	100.0

Sources: CANSIM.
Statistics Canada, *Farm Input Price Index*, (62-004).

Chapter 12
Employment

Employment

Employment data deal with labour market statistics on employment and unemployment, average wages and salaries, strikes and lockouts, and plant layoffs. Data on population as a whole are covered in Chapter 3, Population, while employment data on women can be found in Chapter 5, Women. Information on the labour force is covered in Chapter 6, Labour Force. Unemployment Insurance data appear in Chapter 30, Social Services.

The Ontario government administers legislation covering industrial relations, vacation provisions, statutory holidays, hours of work, maternity provisions, minimum wage rates, termination of employment and human rights. Apprenticeship programs are used to provide training for certain designated trades. The Province is responsible for the Workers' Compensation Board which provides benefits to injured employees. Both the federal and provincial governments seek to promote efficient settlement of industrial disputes and to protect workers in terms of standards, safety and fair compensation.The federal government provides placement services through Employment and Immigration Canada and operates the Unemployment Insurance Plan. Federal government labour legislation covers those employees, employers and trade unions which fall within federal jurisdiction. As conditions warrant, both levels of government operate job creation programs to reduce unemployment among particular groups.

Sources of Data

The main sources of data are:

- Statistics Canada's Labour Force Survey;
- Census of Canada;
- Statistics Canada's Survey of Employment, Payrolls and Hours;
- Corporations and Labour Unions Returns Act;
- Ontario Ministry of Labour data on layoffs, plant closures, strikes and lockouts.

A general discussion of the Labour Force Survey and the census can be found in Chapter 6, Labour Force.

Employed persons counted by the Labour Force Survey include all those who did any work for pay or profit during the reference week, or who worked as unpaid family workers for a family farm or business. Also included are those who had a job but did not report to work because of vacation, illness or labour disputes. The unemployed include those persons who were without work, were available for work, and had actively looked for work in the previous four weeks. Also included as unemployed are those who had not actively looked for work but were on layoff awaiting recall and those who had a new job to start within the next four weeks.

The unemployment rate is the number of unemployed persons expressed as a percentage of the labour force. There has recently been some discussion about whether the conventional unemployment rate may understate the true situation by not taking discouraged job seekers into account. Statistics Canada has developed alternate measures published in *Supplementary Measures of Unemployment*, (71-X-506), to respond to the interest in statistics underlying the unemployment rate. This study illustrates the effects on the unemployment rate when different definitions of employment and unemployment are used. Another study has examined hidden unemployment, i.e. those persons who have suspended job search because they believe no work is available, but are not currently counted in the labour force. The results are available in *Labour Market-Related Reasons for Suspending Job Search, Study* 39. For further information, contact the Labour Force Survey Division of Statistics Canada, telephone Ottawa, 990-9448.

1981 Census data on labour force activity have been designed to meet, as far as possible, the Labour Force Survey definition of the employed and unemployed. In the census, the employed include those persons who, during the week prior to enumeration did any work at all, or were absent from their jobs or businesses because of temporary illness or disability, vacation, labour dispute or absent for other reasons. The unemployed include those persons who, during the week prior to enumeration were without work, had actively looked for work in the past four weeks and were available for work, and those who had been on layoff for 26 weeks or less and expected to return to their job, or had definite arrangements to start a new job in four weeks or less. Further information is available from the Census Division of Statistics Canada, telephone Ottawa, 990-9534.

Statistics Canada's Employment, Payrolls and Hours Survey is an establishment survey that provides data on employment, average weekly earnings, average weekly hours and average hourly earnings at detailed industrial and geographic levels. In April 1983, the survey was completely revised to cover all industries except agriculture, fishing and trapping, household services, religious organizations and military personnel, and has been redesigned to produce reliable estimates at the broad industry division level for provinces. The survey previously covered only commercial firms with 20 or more employees, excluding those in agriculture, fishing and trapping. The data are available in *Employment, Earnings and Hours, (72-002),* and on CANSIM. For further information, contact the Employment and Compensation Division, telephone Ottawa, 990-9900.

Union Membership data are compiled by Statistics Canada from union returns filed in compliance with Part II of the Corporations and Labour Unions Returns Act (CALURA). Both Canadian and foreign-based labour unions active in Canada are required to disclose internal administrative practices and report financial operations. Annual returns are required from every labour union having a local or branch, and not less than 100 members in Canada. The data are published annually in *Corporations and Labour Unions Returns Act, Part II – Labour Unions, (71-202).* Additional information is available from the Business Finance Division of Statistics Canada, telephone Ottawa, 990-9858.

The Ontario Ministry of Labour collects a wide range of data on plant layoffs, strikes and lockouts. Data on plant layoffs are based on information compiled by the Plant Closure Review and Employment Adjustment Branch. Under the Employment Standards Act, employers are required to report permanent and indefinite layoffs of 50 persons or more that occur within a four week period. The data do not include any information on temporary layoffs, i.e. those lasting 13 weeks or less. Information on layoffs involving less than 50 employees is reported by some employers on a voluntary basis, with the result that coverage is limited. No information on recalls is available. The data are published monthly in *Report on Permanent and Indefinite Layoffs in Ontario.* To provide data on the extent of work stoppages in labour disputes under Ontario jurisdiction, information on strikes and lockouts is compiled by the Ontario Ministry of Labour from administrative data of its Conciliation and Mediation Services Branch, newspaper clippings and data from Labour Canada. Data on illegal strikes are difficult to obtain in a comprehensive form. The data are published annually in *Strikes and Lockouts in Ontario.* For further information, contact the Ministry of Labour, Industrial Relations Division, telephone Toronto, 965-6886, and the Plant Closure Review and Employment Adjustment Branch, telephone Toronto, 965-0853.

Employment

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12.2 Employed, Female, by Age, Ontario, 1971 to 1983
12.3. Growth in Average Weekly Earnings, Selected Industries, Ontario, 1972 to 1982
12.4 Unemployment Rates by Age, Ontario, 1971 to 1983
12.5 Strikes and Lockouts, Duration and Employees Involved, 1971 to 1982

Tables:

12.1 Labour Force, Employed, Unemployed and Unemployment Rate, Ontario, Selected Years, Annual Averages, 1946 to 1983
12.2 Employment/Population Ratio, Ontario and Other Regions of Canada, Selected Years, Annual Averages, 1946 to 1983
12.3 Employed by Sex and Age, Ontario, Selected Years, Annual Averages, 1946 to 1983
12.4 Employed by Sex and Type of Worker, Ontario, Selected Years, Annual Averages, 1966 to 1983
12.5 Full-Time and Part-Time Employment by Marital Status and Sex, Ontario, Selected Years, Annual Averages, 1966 to 1983
12.6 Employed by Marital Status and Sex, Ontario, Selected Years, Annual Averages, 1966 to 1983
12.7 Employed by Sex and Family Status, Ontario, Annual Averages, 1975 to 1983
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12.14 Unemployed by Marital Status and Sex, Ontario, Selected Years, Annual Averages, 1966 to 1983
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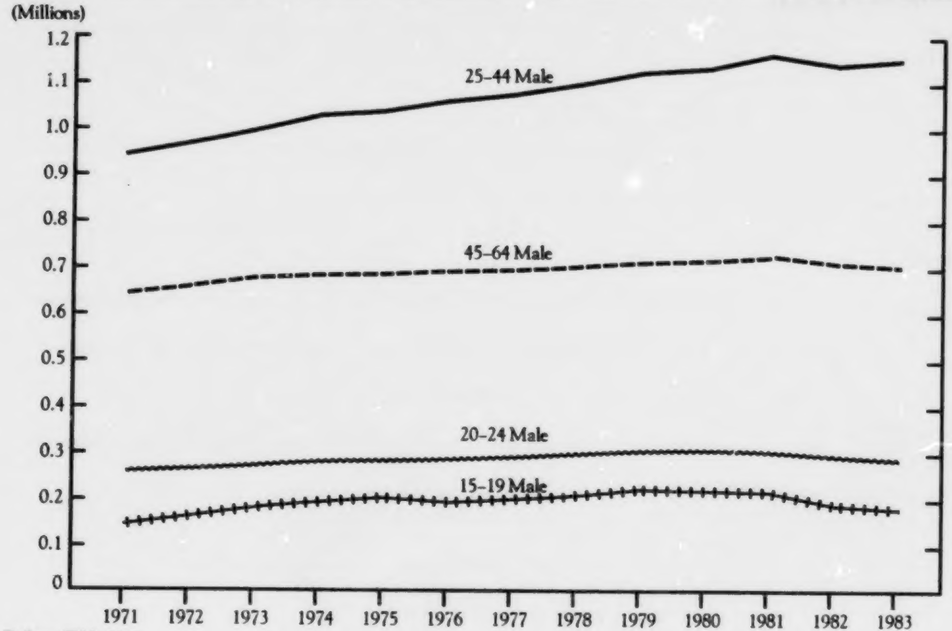
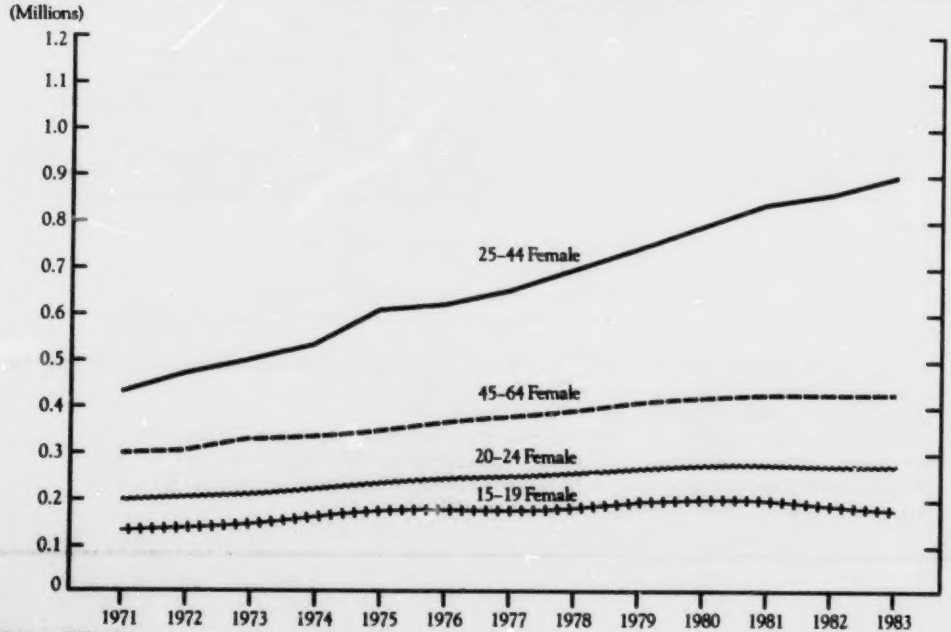
12.33 Minimum Hourly Wages, Ontario, Selected Years, 1966 to 1984
12.34 Membership of Reporting National Labour Organizations by Affiliation, Ontario, 1971 to 1981
12.35 Membership of Reporting International Labour Organizations by Affiliation, Ontario, 1971 to 1981
12.36 Distribution of Collective Agreements of All Reporting Labour Organizations, Ontario, 1971 to 1981
12.37 Strikes and Lockouts, Ontario, Selected Years, 1961 to 1982

Chart 12.1 Employed, Male, by Age, Ontario, 1971 to 1983



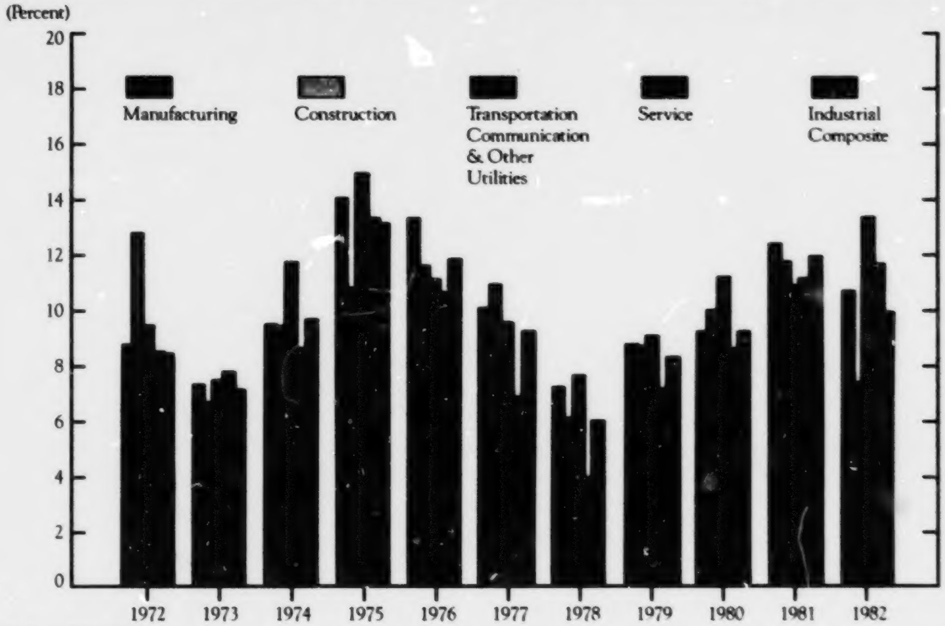
Refer to Table 12.3

Chart 12.2 Employed, Female, by Age, Ontario, 1971 to 1983



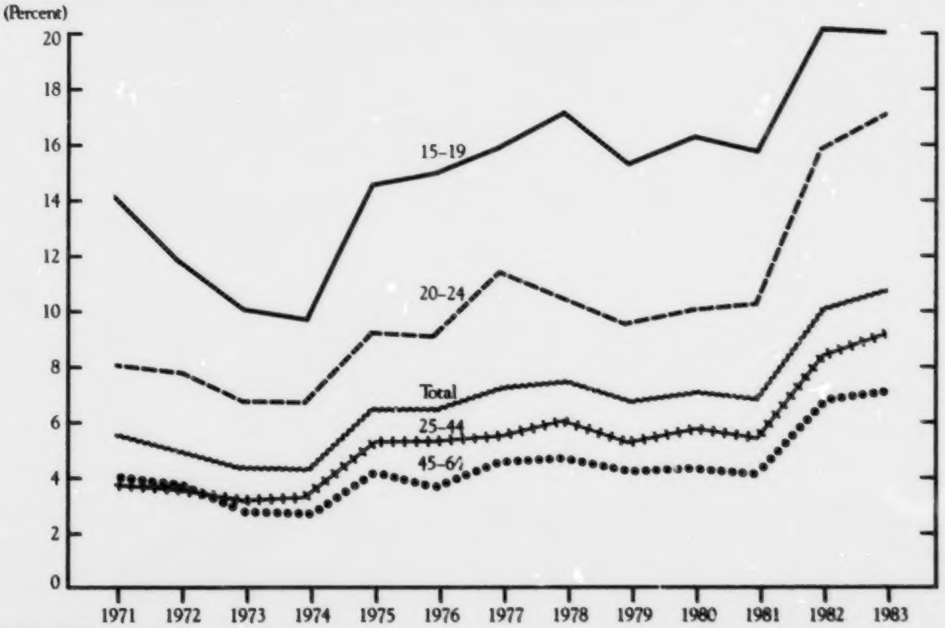
Refer to Table 12.3

Chart 12.3 Growth in Average Weekly Earnings, Selected Industries, Ontario, 1972 to 1982



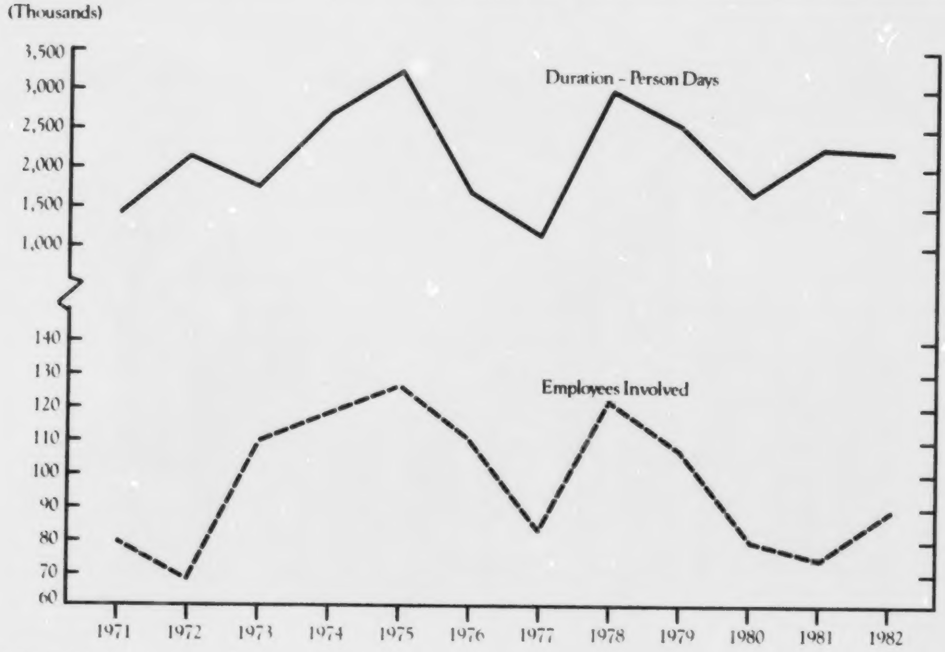
Refer to Table 12.29

Chart 12.4 Unemployment Rates by Age, Ontario, 1971 to 1983



Refer to Table 12.21

Chart 12.5 Strikes and Lockouts, Duration and Employees Involved, Ontario, 1971 to 1983



Refer to Table 12.37

Table 12.1 **Labour Force, Employed, Unemployed and Unemployment Rate, Ontario, Selected Years, Annual Averages, 1946 to 1983**

Year	Employed	Unemployed	Labour Force	Unemployment Rate
		'000's		%
1983				
Ontario	4,096	474	4,570	10.4
Atlantic	789	139	928	15.0
Quebec	2,642	427	3,069	13.9
West	3,208	409	3,616	11.3
Canada	10,734	1,448	12,183	11.9
Ontario % of Canada	38.2	32.7	37.5	...
Ontario				
1982	4,067	440	4,508	9.8
1981	4,171	293	4,464	6.6
1980	4,053	297	4,350	6.8
1979	3,993	278	4,271	6.5
1978	3,835	298	4,133	7.2
1977	3,708	278	3,986	7.0
1976	3,643	239	3,882	6.2
1975	3,576	242	3,818	6.3
1974	3,523	164	3,686	4.4
1973	3,380	152	3,532	4.3
1972	3,239	171	3,410	5.0
1971	3,113	178	3,290	5.4
1966	2,714	72	2,787	2.6
1961	2,269	132	2,401	5.5
1956	2,096	51	2,147	2.4
1951	1,838	32	1,870	1.7
1946	1,654	48	1,702	2.8

Sources: Statistics Canada, *Labour Force Annual Averages, (71-529).*
Historical Labour Force Statistics, (71-201).
Special tabulations.

Note: West does not include Yukon and Northwest Territories as they are not covered in the Labour Force Survey.

Table 12.2 **Employment/Population Ratio, Ontario and Other Regions of Canada, Selected Years, Annual Averages, 1946 to 1983**

Year	Ontario	Atlantic	Quebec	West	Canada
			percent		
1983	60.2	47.4	52.4	59.3	56.7
1982	60.7	47.3	51.7	60.4	57.0
1981	63.2	49.5	55.1	63.5	59.9
1980	62.2	49.7	55.2	62.7	59.3
1979	62.2	48.8	54.5	61.5	58.7
1978	60.7	47.9	53.4	60.4	57.5
1977	59.8	46.9	52.9	59.3	56.6
1976	59.9	47.6	53.3	59.1	56.7
1975	60.1	48.2	53.8	58.6	56.9
1974	60.6	49.0	54.2	58.9	57.3
1973	59.7	48.3	53.7	57.5	56.4
1972	58.6	46.6	51.7	56.2	54.9
1971	57.6	46.3	51.9	55.8	54.5
1966	58.2	47.7	53.7	55.9	55.4
1961	53.5	42.8	48.0	51.1	50.2
1956	55.6	43.9	50.5	50.9	51.7
1951	54.8	46.6	52.3	51.6	52.4
1946	54.2	..	51.5	..	53.1

Sources: Statistics Canada, *Historical Labour Force Statistics, (71-201)*.
Special tabulations.

Note: Atlantic and West derived from Statistics Canada data. West does not include Yukon and Northwest Territories as they are not covered in the Labour Force Survey.

Table 12.3 Employed by Sex and Age, Ontario, Selected Years, Annual Averages, 1946 to 1983

Year	15 - 19	20 - 24	25 - 44	45 - 64	65 +	Total
			'000's			
Male						
1983	168	278	1,137	695	49	2,328
1982	177	277	1,124	701	53	2,332
1981	209	297	1,149	718	54	2,428
1980	208	296	1,118	703	52	2,377
1979	214	297	1,109	705	53	2,379
1978	198	289	1,084	694	53	2,318
1977	190	281	1,060	684	50	2,264
1976	183	278	1,044	683	51	2,239
1975	193	271	1,021	675	55	2,215
1974	183	274	1,015	674	49	2,195
1973	171	260	982	664	51	2,129
1972	150	255	953	648	54	2,059
1971	133	246	927	632	55	1,992
1966	124	197	855	578	68	1,823
1961	92	150	792	505	68	1,608
1956	97	150	755	463	78	1,543
1951	..	..	..	..	..	1,402
1946	..	..	..	..	..	1,246
Female						
1983	171	268	886	423	20	1,768
1982	179	263	848	421	23	1,735
1981	194	273	829	423	25	1,744
1980	194	268	781	414	19	1,676
1979	193	260	732	409	20	1,615
1978	177	250	689	383	19	1,517
1977	170	242	642	372	17	1,444
1976	171	239	612	363	19	1,403
1975	171	229	600	340	20	1,360
1974	158	220	524	330	15	1,247
1973	142	204	490	324	15	1,176
1972	131	199	464	299	17	1,109
1971	123	192	426	294	19	1,053
1966	100	135	346	238	18	837
1961	80	94	284	185	18	662
1956	79	93	240	128	15	553
1951	..	..	..	..	..	436
1946	..	..	..	..	..	408

Table 12.3 (cont'd.)

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 +	Total
				'000's		
Total						
1983	339	546	2,023	1,118	69	4,096
1982	356	541	1,972	1,122	76	4,067
1981	403	570	1,978	1,141	79	4,171
1980	402	563	1,899	1,117	72	4,053
1979	408	557	1,841	1,114	73	3,993
1978	374	540	1,773	1,077	71	3,835
1977	359	524	1,702	1,055	67	3,708
1976	354	517	1,656	1,046	70	3,643
1975	364	500	1,621	1,015	75	3,576
1974	342	493	1,540	1,004	64	3,443
1973	313	464	1,472	988	66	3,305
1972	281	453	1,416	947	71	3,168
1971	255	437	1,353	926	74	3,045
1966	224	332	1,201	817	87	2,660
1961	172	244	1,076	691	86	2,269
1956	176	242	995	591	92	2,096
1951	..	..	..	..	..	1,838
1946	..	..	..	..	..	1,654

Sources: Statistics Canada, *Labour Force Annual Averages*, (71-529).
Special tabulations.

Notes: 1. Prior to 1966, the 15 – 19 age group was 14 – 19 years.
2. Data are unrevised for 1966 to 1975, therefore, the totals may not be the same as in Table 12.1 for this period.

Table 12.4 Employed by Sex and Type of Worker, Ontario, Selected Years, Annual Averages, 1966 to 1983

Year	Paid Workers	Employers	Own Account Workers	Unpaid Family Workers	Total
			'000's		
Male					
1983	2,099	93	129	7	2,328
1982	2,105	93	128	7	2,332
1981	2,203	82	135	7	2,428
1980	2,151	81	138	7	2,377
1979	2,145	90	134	9	2,379
1978	2,087	89	133	8	2,318
1977	2,045	91	121	8	2,264
1976	2,034	85	115	6	2,239
1975	2,013	83	113	7	2,215
1974	1,947	118	117	13	2,195
1973	1,881	116	120	12	2,129
1972	1,815	121	111	11	2,059
1971	1,744	117	116	15	1,992
1966	1,571	115	122	15	1,823
Female					
1983	1,629	24	92	23	1,768
1982	1,602	23	86	25	1,735
1981	1,604	19	91	29	1,744
1980	1,540	20	88	28	1,676
1979	1,476	18	87	34	1,615
1978	1,386	18	80	33	1,517
1977	1,328	17	70	29	1,444
1976	1,308	12	56	28	1,403
1975	1,265	14	55	27	1,360
1974	1,180	15	24	28	1,247
1973	1,117	11	18	29	1,176
1972	1,049	14	18	28	1,109
1971	991	12	19	31	1,053
1966	778	10	18	31	837
Total					
1983	3,727	117	221	30	4,096
1982	3,707	116	214	32	4,067
1981	3,807	101	226	37	4,171
1980	3,691	100	226	35	4,053
1979	3,621	108	221	44	3,993
1978	3,473	107	213	41	3,835
1977	3,372	108	191	37	3,708
1976	3,341	96	171	34	3,643
1975	3,278	96	169	34	3,576
1974	3,127	133	141	42	3,443
1973	2,998	128	138	41	3,305
1972	2,864	135	129	39	3,168
1971	2,735	129	134	47	3,045
1966	2,349	125	140	46	2,660

Sources: Statistics Canada, *Labour Force Annual Averages*, (71-529).
Special tabulations.

Notes: 1. Paid Workers includes self-employed in an incorporated business.
2. Own Account Workers includes self-employed persons with an unincorporated business or no business with no paid help.
3. See Table 12.3, note 2.

Table 12.5 Full-Time and Part-Time Employment by Marital Status and Sex, Ontario, Selected Years, Annual Averages, 1966 to 1983

Year	Full-time		Part-time		Total	
	Male	Female	Male	Female	Male	Female
			'000's			
Married						
1983	1,612	806	44	277	1,656	1,083
1982	1,622	802	39	267	1,661	1,069
1981	1,665	802	33	264	1,698	1,065
1980	1,656	779	32	252	1,688	1,032
1979	1,668	753	32	240	1,699	993
1978	1,660	726	33	218	1,693	943
1977	1,635	680	28	211	1,663	891
1976	1,642	685	26	192	1,668	876
1975	1,631	665	26	187	1,657	852
1974	1,603	582	27	194	1,629	776
1973	1,565	545	28	180	1,593	725
1972	1,548	513	31	173	1,579	686
1971	1,499	482	30	167	1,529	648
1966	1,395	368	22	132	1,417	500
Not Married						
1983	525	496	146	188	672	685
1982	534	487	136	179	671	666
1981	591	508	139	170	730	678
1980	565	484	124	160	689	644
1979	556	467	123	155	679	622
1978	514	433	..	140	625	574
1977	494	423	..	130	601	553
1976	469	404	..	123	571	527
1975	453	397	..	112	558	509
1974	479	367	..	105	566	472
1973	455	355	..	97	536	450
1972	398	333	..	91	480	424
1971	384	317	78	87	463	404
1966	361	291	..	46	406	337
Total						
1983	2,138	1,303	190	465	2,328	1,768
1982	2,156	1,288	176	447	2,332	1,735
1981	2,256	1,310	172	434	2,428	1,744
1980	2,222	1,263	155	413	2,377	1,676
1979	2,224	1,220	155	395	2,379	1,615
1978	2,174	1,159	144	358	2,318	1,517
1977	2,129	1,103	135	340	2,264	1,444
1976	2,110	1,089	129	314	2,239	1,403
1975	2,084	1,062	131	298	2,215	1,360
1974	2,081	949	114	299	2,195	1,247
1973	2,020	899	109	277	2,129	1,176
1972	1,947	845	112	264	2,059	1,109
1971	1,884	799	108	254	1,992	1,053
1966	1,757	659	66	178	1,823	837

Sources: Statistics Canada, *Labour Force Annual Averages, (71-529).*
Historical Labour Force Statistics, (71-201).
Special tabulations.

Notes: 1. Full-time consists of persons who work 30 hours or more per week, plus those who usually work less than 30 hours but consider themselves to be employed full-time; Part-time consists of all other persons who usually work less than 30 hours per week.
2. Not Married includes single, divorced, separated and widowed.
3. See Table 12.3, note 2.

Table 12.6 **Employed by Marital Status and Sex, Ontario, Selected Years, Annual Averages, 1966 to 1983**

	Male		Female		Total	
Year	Married	Not Married	Married	Not Married	Married	Not Married
			'000's			
1983	1,656	672	1,083	685	2,739	1,356
1982	1,661	671	1,069	666	2,730	1,337
1981	1,698	730	1,065	678	2,763	1,408
1980	1,688	689	1,032	644	2,720	1,334
1979	1,699	679	993	622	2,692	1,301
1978	1,693	625	943	574	2,636	1,199
1977	1,663	601	891	553	2,554	1,154
1976	1,668	571	876	527	2,544	1,099
1975	1,657	558	852	509	2,509	1,067
1974	1,629	566	776	;472	2,405	1,037
1973	1,593	536	725	450	2,317	988
1972	1,579	480	686	424	2,265	903
1971	1,529	463	648	404	2,178	868
1966	1,417	406	500	337	1,917	744

Sources: Statistics Canada, *Labour Force Annual Averages, (71-529).*
Special tabulations.

Notes: 1. See Table 12.5, note 2.
2. See Table 12.3, note 2.

Table 12.7 Employed by Sex and Family Status, Ontario, Annual Averages, 1975 to 1983

	Family Members						
Year	Head	Spouse	Unmarried Children	Other Relatives	Total	Unattached Individuals	Total
				'000's			
Male							
1983	1,580	80	367	55	2,082	245	2,328
1982	1,604	61	352	59	2,077	256	2,332
1981	1,655	46	383	62	2,146	282	2,428
1980	1,660	31	372	57	2,120	257	2,377
1979	1,663	28	374	61	2,125	253	2,379
1978	1,658	24	341	58	2,081	237	2,318
1977	1,630	19	335	54	2,038	226	2,264
1976	1,637	16	326	54	2,033	207	2,239
1975	1,620	21	325	54	2,020	196	2,215
Female							
1983	189	994	292	54	1,529	239	1,768
1982	171	994	283	49	1,496	239	1,735
1981	166	1,002	281	53	1,502	242	1,744
1980	144	975	275	49	1,443	233	1,676
1979	136	939	258	50	1,383	232	1,615
1978	121	893	242	49	1,305	212	1,517
1977	117	842	230	47	1,235	208	1,444
1976	99	831	229	46	1,205	199	1,403
1975	99	804	217	42	1,163	198	1,360
Total							
1983	1,769	1,075	659	109	3,611	485	4,096
1982	1,775	1,055	635	108	3,573	495	4,067
1981	1,821	1,048	664	115	3,648	523	4,171
1980	1,804	1,006	647	106	3,563	490	4,053
1979	1,799	967	632	111	3,508	485	3,993
1978	1,779	916	582	108	3,385	449	3,835
1977	1,747	860	565	101	3,274	434	3,708
1976	1,736	847	554	99	3,237	406	3,643
1975	1,720	825	542	96	3,182	394	3,576

Source: Statistics Canada, *Labour Force Annual Averages*, (71-529).

Note: A family is defined as a group of two or more persons who are living together in the same dwelling and who are related by blood, marriage or adoption. A person living alone or who is related to no one else in the dwelling where he lives is classified as an unattached individual. The head of a family is determined by the respondent's perception of headship and as such is solely a statistical device which has no economic connotation.

Table 12.8 Employed by Sex and Industry, Ontario, Annual Averages, 1975 to 1983

Year	Agriculture	Other Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
				'000's		
Male						
1983	90	44	655	183	214	371
1982	88	44	682	185	218	379
1981	98	56	750	196	227	362
1980	98	55	723	201	234	354
1979	104	42	734	206	226	372
1978	93	48	693	207	223	373
1977	90	53	673	206	216	352
1976	82	54	665	214	216	350
1975	87	47	660	208	204	355

Table 12.8 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Administration	Total	% of Canada
		'000's			
Male					
1983	102	503	164	2,328	37.3
1982	98	470	167	2,332	37.3
1981	96	471	171	2,428	37.0
1980	101	440	172	2,377	36.8
1979	96	442	157	2,379	37.4
1978	98	412	170	2,318	37.7
1977	95	409	170	2,264	37.5
1976	90	395	173	2,239	37.5
1975	89	394	170	2,215	37.5

Table 12.8 (cont'd.)

Year	Agriculture	Other Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
				'000's		
Female						
1983	46	4	280	19	75	307
1982	43	4	269	21	74	308
1981	45	6	286	19	73	312
1980	46	5	286	21	71	307
1979	42	...	273	19	68	308
1978	38	4	247	18	62	277
1977	36	...	233	19	56	264
1976	30	...	244	17	55	260
1975	30	...	217	16	50	263

Table 12.8 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Administration	Total	% of Canada
			'000's		
Female					
1983	147	784	105	1,768	39.3
1982	152	759	106	1,735	39.5
1981	151	750	101	1,744	39.2
1980	151	697	93	1,676	39.4
1979	141	669	93	1,615	40.0
1978	134	644	92	1,517	39.6
1977	127	615	91	1,444	39.9
1976	127	577	90	1,403	39.9
1975	119	573	89	1,360	40.2

Table 12.8 (cont'd.)

Year	Agriculture	Other Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trad
				'000's		
Total						
1983	136	48	935	203	290	678
1982	131	49	951	206	292	687
1981	143	62	1,036	216	300	674
1980	143	60	1,009	222	304	662
1979	146	45	1,007	226	293	680
1978	131	52	940	226	285	650
1977	127	56	906	225	272	616
1976	112	57	909	230	271	610
1975	117	50	877	224	254	618

Table 12.8 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Administration	Total	% of Canada
			'000's		
Total					
1983	250	1,287	269	4,096	38.2
1982	250	1,228	273	4,067	38.2
1981	247	1,221	272	4,171	37.9
1980	252	1,136	265	4,053	37.9
1979	237	1,111	249	3,993	38.4
1978	232	1,056	263	3,835	38.4
1977	222	1,024	261	3,708	38.4
1976	217	973	264	3,643	38.4
1975	209	967	259	3,576	38.5

Source: Statistics Canada, *Labour Force Annual Averages*, (71-529).

Table 12.9 Employed Labour Force by Industry, Ontario and Other Regions of Canada, Census Years, 1971 and 1981

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
Agriculture						
1981	133,355	20,080	70,340	233,735	457,510	29.1
1971	126,730	20,140	71,035	253,610	471,515	26.9
Forestry						
1981	12,175	13,050	16,935	35,970	78,130	15.6
1971	7,370	10,750	16,270	27,975	62,370	11.8
Fishing & Trapping						
1981	2,200	20.535	2,135	6,880	31,750	6.9
1971	1,335	16,300	1,715	4,525	23,865	5.6
Mines (Including Milling), Quarries & Oil Wells						
Metal Mines						
1981	29,635	6,910	15,480	22,065	74,090	40.0
1971	30,275	5,560	12,350	15,580	63,770	47.5
Mineral Fuels						
1981	1,715	4,850	390	51,990	58,945	2.9
1971	935	4,890	480	21,715	28,005	3.3
Non-metal Mines (Except Coal)						
1981	1,310	2,055	7,265	6,620	17,250	7.6
1971	1,445	2,145	7,355	4,330	15,270	9.5
Quarries & Sand Pits						
1981	3,490	495	1,965	2,450	8,400	41.5
1971	2,780	335	1,810	1,430	6,365	43.7
Incidental Services						
1981	3,360	1,015	1,685	29,190	35,250	9.5
1971	3,450	650	1,380	11,210	16,685	20.7
Total						
1981	39,500	15,330	26,780	112,325	193,935	20.4
1971	38,895	13,555	23,375	54,270	130,110	29.9
Manufacturing						
Food & Beverage						
1981	92,200	53,660	68,070	57,445	271,375	34.0
1971	80,770	36,045	56,620	51,400	224,825	35.9
Tobacco Products						
1981	2,865	85	4,500	310	7,760	36.9
1971	2,920	115	5,055	275	8,355	34.9
Rubber & Plastics Products						
1981	38,100	4,515	15,695	5,320	63,630	59.9
1971	27,135	715	11,530	2,590	41,955	64.7
Leather						
1981	15,670	370	11,425	1,580	29,045	54.0
1971	12,495	235	12,140	1,280	26,165	47.8
Textile						
1981	32,315	2,180	34,635	4,190	73,320	44.1
1971	26,785	1,585	32,810	2,770	63,940	41.9
Knitting Mills						
1981	6,955	1,225	10,400	930	19,510	35.6
1971	5,785	1,155	8,950	750	16,635	34.8
Clothing						
1981	27,505	595	68,755	13,880	110,735	24.8
1971	19,320	535	56,920	10,480	87,260	22.1
Wood						
1981	26,345	8,795	32,480	67,690	135,310	19.5
1971	16,285	7,440	19,520	49,085	92,335	17.6
Furniture & Fixture						
1981	29,610	1,590	21,620	10,420	63,240	46.8
1971	18,745	840	15,265	6,340	41,185	45.5
Paper & Allied						
1981	49,260	13,795	46,600	28,685	138,340	35.6
1971	43,140	12,755	38,545	21,375	115,800	37.3

Table 12.9 (cont'd.)

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
Manufacturing (cont'd.)						
Printing, Publishing & Allied						
1981	60,710	4,775	32,685	28,145	126,315	48.1
1971	48,450	3,915	24,130	21,050	97,550	49.7
Primary Metal						
1981	78,440	3,975	32,355	17,030	131,800	59.5
1971	68,135	4,435	25,310	14,040	111,930	60.9
Metal Fabricating (Except Machinery & Transportation Equipment)						
1981	100,060	4,225	38,355	34,205	176,845	56.6
1971	73,645	3,660	28,030	21,385	126,720	58.1
Machinery (Except Electrical)						
1981	67,030	1,540	22,370	23,105	114,045	58.8
1971	49,945	1,060	13,035	9,245	73,300	68.1
Transportation Equipment						
1981	120,240	9,935	38,605	24,815	193,595	62.1
1971	98,720	6,720	28,695	18,270	152,410	64.8
Electrical Products						
1981	83,245	2,070	31,215	9,665	126,195	66.0
1971	69,975	2,360	29,550	7,195	109,085	64.1
Non-metallic Mineral Products						
1981	28,670	2,960	16,760	16,300	64,690	44.3
1971	26,895	2,345	12,730	10,650	52,610	51.1
Petroleum & Coal Products						
1981	10,430	2,110	6,275	6,645	25,460	41.0
1971	7,735	1,140	5,090	5,065	19,025	40.7
Chemical & Chemical Products						
1981	51,970	2,840	26,365	14,060	95,235	54.6
1971	40,320	2,590	23,275	8,560	74,755	53.9
Miscellaneous						
1981	45,555	2,045	20,155	9,920	77,675	58.6
1971	35,135	1,430	14,835	6,360	57,760	60.8
Total						
1981	967,190	123,290	579,330	374,355	2,044,165	47.3
1971	772,325	91,085	462,035	268,155	1,593,595	48.5
Construction						
General Contractors						
1981	78,380	23,190	50,115	116,555	268,240	29.2
1971	87,300	27,790	44,955	75,495	235,550	37.1
Special-trade Contractors						
1981	143,675	25,230	77,500	149,005	395,410	36.3
1971	102,730	20,005	58,840	66,840	248,410	41.4
Total						
1981	222,055	48,435	127,615	265,555	663,660	33.5
1971	190,035	47,805	103,790	142,345	483,965	39.3
Transportation, Communication & Other Utilities						
Transportation						
1981	156,645	41,280	124,860	176,860	499,645	31.4
1971	119,150	39,195	101,345	122,300	382,000	31.2
Storage						
1981	6,175	825	2,425	11,110	20,535	30.1
1971	4,215	505	2,065	8,470	15,265	27.6
Communication						
1981	83,075	18,680	62,285	73,305	237,345	35.0
1971	54,560	14,330	39,700	47,815	156,400	34.9
Electric Power, Gas & Water Utilities						
1981	51,480	9,835	28,190	35,580	125,085	41.2
1971	34,735	7,820	19,245	22,805	84,610	41.1
Total						
1981	297,380	70,625	217,760	296,855	882,620	33.7
1971	212,670	61,855	162,355	201,395	638,275	33.3

Table 12.9 (cont'd.)

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
Trade						
Wholesale						
1981	199,860	35,685	119,730	166,445	521,720	38.3
1971	127,980	25,915	73,715	101,820	329,420	38.9
Retail						
1981	482,105	102,805	305,950	396,155	1,287,015	37.5
1971	341,100	74,735	201,245	246,995	864,045	39.5
Total						
1981	681,965	138,490	425,680	562,605	1,808,740	37.7
1971	469,075	100,635	274,955	348,795	1,193,465	39.3
Finance, Insurance & Real Estate						
Finance						
1981	122,065	17,500	74,320	91,030	304,915	40.0
1971	72,535	10,145	46,880	48,165	177,725	40.8
Insurance Carriers						
1981	46,145	4,930	25,075	21,985	98,135	47.0
1971	33,790	3,145	18,285	12,945	68,175	49.6
Insurance Agencies & Real Estate						
1981	77,555	9,805	37,765	65,390	190,515	40.7
1971	43,275	4,285	21,455	28,825	97,835	44.2
Total						
1981	245,770	32,220	137,160	178,400	593,550	41.4
1971	149,610	17,580	86,620	89,920	343,730	43.5
Community, Business & Personal Service						
Education & Related						
1981	263,085	64,235	192,690	210,875	730,885	36.0
1971	211,985	47,130	146,575	148,705	554,390	38.2
Health & Welfare						
1981	280,875	67,740	219,810	238,235	806,660	34.8
1971	189,430	41,720	125,955	140,550	497,655	38.1
Religious Organizations						
1981	18,275	5,685	20,865	14,240	59,065	30.9
1971	14,795	4,770	16,680	10,120	46,360	31.9
Amusement & Recreation						
1981	51,710	6,000	26,025	29,605	113,340	45.6
1971	29,375	3,615	14,635	18,790	66,395	44.2
Business Management						
1981	191,560	19,165	95,860	141,540	448,125	42.7
1971	87,235	9,385	48,480	51,540	196,625	44.4
Personal						
1981	64,640	14,020	44,680	42,530	165,870	39.0
1971	63,025	15,840	44,745	43,480	167,085	37.7
Accommodation & Food						
1981	211,830	38,290	132,340	185,520	567,980	37.3
1971	110,015	21,550	73,025	94,235	298,830	36.8
Miscellaneous						
1981	83,705	14,410	52,570	73,355	224,040	37.4
1971	43,900	7,140	23,380	34,595	109,030	40.3
Total						
1981	1,165,670	229,540	784,845	935,910	3,115,965	37.4
1971	749,750	151,145	493,470	542,035	1,936,380	38.7

Table 12.9 (cont'd.)

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
Public Administration & Defence						
Federal						
1981	142,485	52,900	74,870	95,285	365,540	39.0
1971	125,950	50,635	54,815	86,125	317,500	39.7
Provincial						
1981	65,840	23,830	68,455	86,625	244,750	26.9
1971	54,630	15,150	41,640	44,350	155,770	35.1
Local						
1981	80,410	12,825	53,650	72,355	219,240	36.7
1971	58,340	7,515	36,715	38,515	141,090	41.3
Other Government Offices						
1981	810	140	390	860	2,200	36.8
1971	615	905	430	155	2,105	29.2
Total						
1981	289,550	89,720	197,365	254,445	831,080	34.8
1971	239,525	74,185	133,590	169,155	616,460	38.9
All Industries						
1981	4,056,820	801,295	2,585,945	3,257,035	10,701,095	37.9
1971	2,957,320	605,045	1,829,230	2,102,155	7,493,740	39.5
Unspecified or Undefined						
1981	116,705	25,900	92,135	103,650	338,390	34.5
1971	219,585	50,505	187,930	165,620	623,640	35.2
Total						
1981	4,173,525	827,195	2,678,080	3,360,685	11,039,485	37.8
1971	3,176,905	655,550	2,017,160	2,267,775	8,117,380	39.1

Sources: Statistics Canada, *1971 Census of Canada, Employed Labour Force by Industry, Age and Sex, for Canada and Provinces, (94-747).* Special tabulations, 1981.

Note: Canada data by industry for 1981 are derived by totalling the regions. West includes Yukon and Northwest Territories.

Table 12.10 Employed by Sex and Occupation, Ontario, Annual Averages, 1975 to 1983

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
				'000's		
Male						
1983	601	154	246	259	134	494
1982	581	156	250	249	128	532
1981	581	168	244	241	147	565
1980	546	159	240	239	149	560
1979	529	168	239	236	142	583
1978	525	160	246	231	130	543
1977	510	163	251	223	130	514
1976	508	163	253	213	122	503
1975	501	152	258	219	121	500

Table 12.10 (cont'd.)

Year	Construction	Transportation	Material Handling & Other Crafts	Total	% of Canada
			'000's		
Male					
1983	193	123	125	2,328	37.3
1982	192	126	120	2,332	37.3
1981	219	132	130	2,428	37.0
1980	223	137	124	2,377	36.8
1979	225	136	120	2,379	37.4
1978	224	139	120	2,318	37.7
1977	223	132	117	2,264	37.5
1976	232	129	117	2,239	37.5
1975	229	121	114	2,215	37.5

Table 12.10 (cont'd.)

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
				'000's		
Female						
1983	465	563	192	307	42	142
1982	445	580	185	298	41	133
1981	411	598	177	313	42	149
1980	387	580	177	283	43	153
1979	373	553	178	275	41	146
1978	348	545	155	259	37	129
1977	339	519	157	233	36	120
1976	319	521	152	213	29	128
1975	310	505	148	212	28	122

Table 12.10 (cont'd.)

Year	Construction	Transportation	Material Handling & Other Crafts	Total	% of Canada
			'000's		
Female					
1983	5	11	42	1,768	39.3
1982	4	10	39	1,735	39.5
1981	...	11	39	1,744	39.2
1980	...	11	39	1,676	39.4
1979	...	10	36	1,615	40.0
1978	...	6	36	1,517	39.6
1977	...	6	31	1,444	39.9
1976	...	6	33	1,403	39.9
1975	...	5	30	1,360	40.2

Table 12.10 (cont'd.)

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
				'000's		
Total						
1983	1,066	717	437	565	176	636
1982	1,025	736	435	547	168	665
1981	992	766	420	554	189	715
1980	933	739	418	522	192	713
1979	902	721	417	511	183	729
1978	873	705	400	490	168	671
1977	849	681	409	456	166	634
1976	827	684	405	426	152	631
1975	811	657	406	431	148	622

Table 12.10 (cont'd.)

Year	Construction	Transportation	Material Handling & Other Crafts	Total	% of Canada
			'000's		
Total					
1983	197	134	167	4,096	38.2
1982	196	136	159	4,067	38.2
1981	222	143	170	4,171	37.9
1980	226	148	163	4,053	37.9
1979	228	146	156	3,993	38.4
1978	226	145	156	3,835	38.4
1977	226	138	148	3,708	38.4
1976	233	135	150	3,643	38.4
1975	231	126	144	3,576	38.5

Source: Statistics Canada, *Labour Force Annual Averages*, (71-529).

Table 12.11 Employed by Occupation and Sex, Ontario Compared to Canada, 1981

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	#		#		#	
Managerial, Administrative & Related						
Officials & Administrators, Government	18,605	35.8	5,285	35.8	23,890	35.8
Other Managers & Administrators	203,795	36.9	58,510	39.0	262,305	37.4
Related	75,065	41.7	39,920	45.5	114,985	42.9
Total	297,460	37.9	103,715	41.1	401,175	38.7
Natural Sciences, Engineering & Mathematics						
Physical Sciences	12,920	39.6	2,535	35.1	15,455	38.8
Life Sciences	5,435	26.7	2,160	29.9	7,595	27.5
Architects, Engineers, Community Planners	55,640	43.5	2,585	43.2	58,225	43.5
Other Architecture & Engineering	41,100	38.4	4,965	37.8	46,065	38.3
Mathematics, Statistics, Systems Analysis & Related	24,200	50.2	8,510	44.0	32,710	48.4
Total	139,295	41.4	20,750	39.2	160,045	41.1
Social Sciences & Related						
Social Sciences	6,895	41.2	4,595	46.4	11,490	43.1
Social Work & Related	8,650	34.2	19,735	40.1	28,385	38.1
Law & Jurisprudence	14,070	41.2	3,720	39.6	17,790	40.9
Library, Museum & Archival Sciences	1,965	35.6	6,495	36.6	8,460	36.3
Other	2,105	39.9	2,870	49.4	4,975	44.9
Total	33,685	38.7	37,420	40.6	71,105	39.7
Religion	8,120	32.8	1,990	18.8	10,110	28.6
Teaching & Related						
University & Related	12,275	39.6	4,710	38.7	16,985	39.3
Elementary & Secondary School & Related	43,565	36.4	76,605	34.7	120,170	35.3
Other	14,940	31.9	18,955	35.0	33,895	33.6
Total	70,780	35.9	100,275	34.9	171,055	35.3
Medicine & Health						
Health Diagnosing & Treating	18,320	36.6	4,060	38.3	22,380	36.9
Nursing, Therapy & Related Assisting	9,600	25.8	111,675	35.3	121,275	34.3
Other	10,675	36.9	26,820	36.6	37,495	36.7
Total	38,600	33.2	142,555	35.6	181,155	35.0
Artistic, Literary, Recreational & Related						
Fine & Commercial Art, Photography & Related	12,960	40.4	9,685	41.3	22,645	40.8
Performing & Audio-Visual Arts	10,450	40.6	4,225	42.5	14,675	41.1
Writing	8,435	44.0	7,000	44.8	15,435	44.4
Sports & Recreation	7,310	37.1	5,455	42.1	12,765	39.1
Total	39,155	40.5	26,370	42.5	65,525	41.3

Table 12.11 (cont'd.)

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	#		#		#	
Clerical & Related						
Stenographic & Typing	2,410	37.7	175,815	38.3	178,225	38.3
Bookkeeping, Account-Recording & Related	38,820	36.5	239,475	39.2	278,295	38.8
Office Machine & Electronic Data Processing Operators	11,040	49.6	34,325	46.1	45,365	46.9
Material Recording, Scheduling & Distributing	80,560	44.4	26,245	47.0	106,805	45.0
Library, File & Correspondence Clerks & Related	3,310	47.4	18,115	44.5	21,425	44.9
Reception, Information, Mail & Message Distribution	24,215	38.0	62,005	38.3	86,220	38.2
Other	30,770	36.3	94,360	39.4	125,130	38.6
Total	191,115	40.5	650,340	39.6	841,455	39.8
Sales						
Commodities	166,910	36.1	144,085	39.4	310,995	37.5
Services	41,700	40.6	19,825	43.6	61,525	41.5
Other	8,125	30.9	3,575	43.8	11,700	33.9
Total	216,740	36.6	167,490	39.9	384,230	38.0
Service						
Protective	74,925	33.8	10,325	35.6	85,250	34.0
Food & Beverage Preparation & Related	58,180	35.9	117,515	36.2	175,695	36.1
Lodging & Other Accommodation	7,960	45.7	15,605	38.5	23,565	40.6
Personal	11,895	41.7	46,210	34.8	58,105	36.1
Apparel & Furnishings	4,520	34.6	9,635	35.7	14,155	35.4
Other	74,855	39.5	48,675	38.0	123,530	38.9
Total	232,330	36.8	247,965	36.4	480,295	36.6
Farming, Horticultural & Animal Husbandry						
Farmers	48,420	23.4	8,280	42.7	56,700	25.0
Other	56,515	36.3	28,155	35.0	84,670	35.8
Total	104,930	28.9	36,435	36.5	141,365	30.6
Fishing, Trapping & Related	1,175	3.5	160	9.4	1,335	3.8
Forestry & Logging	9,640	15.8	1,090	28.1	10,730	16.6
Mining & Quarrying Including Oil & Gas Field	17,865	26.0	335	23.1	18,200	25.9
Processing						
Mineral Ore Treating	3,395	40.3	205	43.6	3,600	40.4
Metal Processing & Related	39,500	57.6	2,755	71.7	42,255	58.3
Clay, Glass & Stone Processing, Forming & Related	6,505	42.4	1,255	50.4	7,760	43.5
Chemicals, Petroleum, Rubber, Plastic & Related	17,130	47.2	3,865	57.6	20,995	48.8
Food, Beverage & Related	33,025	30.4	14,005	27.3	47,030	29.4
Wood, Except Pulp & Papermaking	5,975	12.9	970	30.4	6,945	14.1
Pulp & Papermaking & Related	12,035	27.8	935	38.2	12,970	28.3
Textile	6,485	30.0	7,560	41.3	14,045	35.2
Other	1,755	42.6	955	37.4	2,710	40.6
Total	125,805	35.7	32,510	35.6	158,315	35.7

Table 12.11 (cont'd.)

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	#		#		#	
Machining & Related						
Metal	46,775	52.8	2,980	72.9	49,755	53.7
Metal Shaping & Forming, Except Machining	67,300	44.3	7,745	75.5	75,045	46.3
Wood	3,630	28.2	655	51.0	4,285	30.2
Clay, Glass, Stone & Related Materials	3,385	40.9	855	50.7	4,240	42.6
Other	7,910	54.1	1,170	60.3	9,080	54.8
Total	128,995	46.7	13,400	69.6	142,395	48.2
Product Fabricating, Assembling & Repairing						
Metal Products, n.e.c.	47,510	62.9	10,660	76.5	58,170	65.0
Electrical, Electronic & Related	42,885	45.8	19,955	70.8	62,840	51.6
Wood Products	12,345	32.3	2,485	52.1	14,830	34.5
Textile, Fur & Leather Products	15,980	36.5	45,005	33.5	60,985	34.2
Rubber, Plastic & Related Products	13,260	50.6	6,035	69.2	19,295	55.2
Mechanics & Repairers, n.e.c.	121,185	35.2	1,975	43.9	123,160	35.3
Other	28,955	46.3	10,995	59.0	39,950	49.2
Total	282,130	41.2	97,110	45.6	379,240	42.2
Construction Trades						
Excavating, Grading, Paving & Related	27,545	26.3	265	24.2	27,810	26.3
Electrical Power, Lighting & Wire Communications Equipment Erecting, Installing & Repairing	43,875	34.1	1,670	40.1	45,545	34.3
Other	154,590	33.3	2,405	29.7	156,995	33.2
Total	226,015	32.4	4,340	32.5	230,355	32.4
Transport Equipment Operating						
Air	4,575	27.6	235	19.8	4,810	27.1
Railway	9,440	30.3	330	41.8	9,770	30.5
Water	3,250	17.8	95	24.7	3,345	18.0
Motor	116,685	34.2	11,490	44.0	128,175	34.9
Other	2,295	43.5	130	57.8	2,425	44.1
Total	136,250	33.1	12,275	42.8	148,525	33.7
Material Handling & Related, n.e.c.	71,435	40.1	26,120	52.5	97,555	42.9
Other Crafts & Equipment Operating						
Printing & Related	21,415	45.3	9,405	44.2	30,820	44.9
Stationary Engine & Utilities Equipment & Related	17,880	35.7	320	32.2	18,200	35.6
Electronic & Related Communications Equipment, n.e.c.	3,015	32.3	670	36.9	3,685	33.0
Other Crafts & Equipment, n.e.c.	2,330	47.4	1,770	40.3	4,100	44.1
Total	44,635	40.0	12,165	42.7	56,800	40.5
Occupations, n.e.c.	50,545	43.4	13,470	59.2	64,015	46.0
All Occupations	2,466,705	36.9	1,748,275	39.1	4,214,980	37.7

Source: Statistics Canada, *Census of Canada, Worked Since January 1, 1980, Occupation by Labour Force and Work Activity,* (92-919).

Table 12.12 Employed by Occupation and Industry, Ontario, Census Years, 1971 and 1981

	Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
			number		
Managerial, Administrative & Related					
1981	2,875	72,365	14,380	20,065	38,755
1971	1,635	34,360	7,795	7,940	15,750
Natural Sciences, Engineering & Mathematics					
1981	5,340	52,630	4,960	14,845	6,150
1971	3,755	36,230	4,395	9,370	2,565
Social Sciences & Related					
1981	165	1,545	75	765	775
1971	45	1,005	30	455	310
Religion					
1981	–	15	–	–	30
1971	–	10	5	–	20
Teaching & Related					
1981	140	925	20	1,075	940
1971	55	425	10	530	250
Medicine & Health					
1981	2,025	3,600	15	1,085	7,095
1971	1,060	2,265	40	325	3,595
Artistic, Literary, Recreational & Related					
1981	135	9,915	200	85	4,600
1971	145	6,845	200	85	2,730
Clerical & Related					
1981	7,750	135,415	18,590	82,560	169,910
1971	4,620	115,160	11,775	58,970	103,655
Sales					
1981	1,480	36,890	2,995	5,010	274,725
1971	990	43,080	2,485	3,825	202,400
Service					
1981	1,800	16,185	2,140	8,775	17,055
1971	1,345	15,905	2,080	7,140	13,650
Farming, Horticultural & Animal Husbandry					
1981	122,335	710	6,885	530	1,535
1971	119,630	1,150	4,265	560	1,680
Fishing, Trapping & Related					
1981	1,070	110	–	–	55
1971	900	85	5	–	45
Forestry & Logging					
1981	7,110	1,900	130	230	130
1971	4,485	1,570	165	350	110
Mining & Quarrying Including Oil & Gas Field					
1981	14,870	1,335	765	110	75
1971	15,740	1,295	1,275	125	65
Processing					
1981	3,030	128,445	1,220	790	13,545
1971	2,965	98,720	995	575	8,865
Machining & Related					
1981	1,375	113,175	7,690	4,335	5,940
1971	1,420	97,480	8,085	1,765	4,590

Table 12.12 (cont'd.)

	Finance, Insurance & Real Estate	Community, Business & Personal Services	Public Adminis-tration & Defence	Residual	All Industries
			number		
Managerial, Administrative & Related					
1981	41,480	73,925	49,260	1,335	314,440
1971	18,790	37,695	29,995	990	154,950
Natural Sciences, Engineering & Mathematics					
1981	6,980	45,305	24,150	600	160,960
1971	2,910	23,075	18,985	570	101,855
Social Sciences & Related					
1981	1,250	51,080	13,030	205	68,890
1971	645	21,770	6,920	150	31,330
Religion					
1981	–	9,095	85	45	9,270
1971	–	7,085	70	10	7,200
Teaching & Related					
1981	330	160,420	2,800	120	166,770
1971	115	122,285	2,450	100	126,220
Medicine & Health					
1981	230	156,720	4,055	480	175,305
1971	230	109,310	4,495	145	121,465
Artistic, Literary, Recreational & Related					
1981	730	34,935	4,490	6,465	61,555
1971	355	15,345	2,680	3,465	31,850
Clerical & Related					
1981	118,175	190,165	86,455	4,295	813,315
1971	75,175	113,995	71,100	4,185	558,635
Sales					
1981	57,665	21,220	830	3,035	403,850
1971	36,025	14,185	1,290	2,195	306,475
Service					
1981	11,330	339,405	67,610	1,795	466,095
1971	7,895	224,360	59,095	1,745	333,215
Farming, Horticultural & Animal Husbandry					
1981	590	7,640	5,115	280	145,620
1971	350	6,730	4,130	145	138,640
Fishing, Trapping & Related					
1981	–	5	25	–	1,265
1971	–	10	70	–	1,115
Forestry & Logging					
1981	5	65	530	5	10,105
1971	15	80	3,005	20	9,800
Mining & Quarrying Including Oil & Gas Field					
1981	15	85	50	95	17,400
1971	25	70	55	160	18,810
Processing					
1981	195	3,420	455	575	151,675
1971	370	2,105	360	670	115,625
Machining & Related					
1981	175	5,400	575	665	137,330
1971	615	3,775	790	955	119,475

Table 12.12 (cont'd.)

	Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
			number		
Product Fabricating, Assembling & Repairing					
1981	4,855	232,640	8,460	16,960	77,695
1971	3,690	168,525	5,700	12,290	56,080
Construction Trades					
1981	3,025	21,785	140,600	32,660	5,940
1971	2,555	22,015	123,800	23,350	4,465
Transport Equipment Operating					
1981	3,195	17,360	6,060	77,540	20,390
1971	3,240	15,610	6,730	60,590	15,815
Material Handling & Related, n.e.c.					
1981	2,115	51,965	2,265	11,650	18,985
1971	2,345	41,910	3,005	8,840	15,955
Other Crafts & Equipment Operating					
1981	540	31,970	485	8,170	1,675
1971	625	26,205	510	5,625	1,285
Residual					
1981	2,005	36,310	4,120	12,140	15,965
1971	3,085	42,475	6,685	9,960	15,195
Total					
1981	187,235	967,190	222,055	297,380	681,965
1971	174,330	772,325	190,035	212,670	469,075

Table 12.12 (cont'd.)

	Finance, Insurance & Real Estate	Community, Business & Personal Services	Public Administration & Defence	Residual	All Industries
			number		
Product Fabricating, Assembling & Repairing					
1981	925	16,635	4,700	1,885	364,755
1971	845	9,810	4,000	1,985	262,925
Construction Trades					
1981	1,630	7,960	7,670	1,315	222,585
1971	1,185	6,550	8,885	1,255	194,060
Transport Equipment Operating					
1981	370	11,265	5,175	770	142,125
1971	345	5,700	5,150	950	114,130
Material Handling & Related, n.e.c.					
1981	200	3,015	1,280	570	92,045
1971	340	1,775	1,890	585	76,645
Other Crafts & Equipment Operating					
1981	820	7,880	3,185	275	55,000
1971	765	5,210	3,535	240	44,000
Residual					
1981	2,675	20,035	8,025	91,900	193,175
1971	2,615	18,835	10,570	199,060	308,480
Total					
1981	245,770	1,165,675	289,550	116,710	4,173,530
1971	149,610	749,755	239,520	219,580	3,176,900

Sources: Statistics Canada, *Census of Canada, 1971 and 1981.*
Special tabulations.

Table 12.13 Unemployed by Sex and Age, Ontario, Selected Years, Annual Averages, 1946 to 1983

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 +	Total
			'000's			
Male						
1983	47	67	107	49	...	271
1982	51	60	93	47	...	252
1981	40	38	49	26	...	154
1980	43	32	55	26	...	157
1979	38	30	46	26	...	141
1978	42	33	47	28	...	151
1977	35	35	44	26	...	142
1976	32	27	40	20	...	121
1975	33	27	41	22	...	126
1974	21	20	30	19	...	92
1973	19	21	29	19	...	90
1972	23	25	34	26	...	110
1971	25	25	36	28	...	116
1966	10	7	15	14	...	49
1961	14	16	45	30	4	109
1956	6	6	17	12	...	44
1951	..	..	..	..	..	24
1946	..	..	..	..	..	39
Female						
1983	36	43	90	34	...	203
1982	37	40	81	30	...	189
1981	34	25	59	20	...	139
1980	33	30	56	21	...	140
1979	34	27	56	20	...	137
1978	34	28	63	22	...	147
1977	31	31	52	22	...	136
1976	29	22	49	18	...	119
1975	28	22	45	21	...	116
1974	15	14	20	8	...	57
1973	14	12	16	8	...	51
1972	14	12	16	9	...	51
1971	16	12	15	9	...	53
1966	7	4	6	...	...	20
1961	7	...	7	4	...	22
1956	...	...	...	...	...	7
1951	..	..	..	..	..	8
1946	..	..	..	..	..	9

Table 12.13 (cont'd.)

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 +	Total
			'000's			
Total						
1983	83	110	197	83	...	474
1982	87	100	174	77	...	440
1981	73	64	108	46	...	293
1980	76	61	111	48	...	297
1979	72	57	102	46	...	278
1978	76	61	110	50	...	298
1977	66	66	96	48	...	278
1976	61	50	89	38	...	239
1975	60	50	86	43	4	242
1974	36	34	50	27	...	149
1973	34	33	45	27	...	140
1972	37	37	50	35	...	161
1971	41	37	51	37	...	169
1966	17	11	22	17	...	69
1961	21	19	52	35	5	132
1956	8	8	20	13	...	51
1951	..	..	..	..	..	32
1946	..	..	..	..	..	48

Sources: Statistics Canada, *Labour Force Annual Averages, (71-529)*.
Special tabulations.

Note: See Table 12.3, notes 1 and 2.

Table 12.14 Unemployed by Marital Status and Sex, Ontario, Selected Years, Annual Averages, 1966 to 1983

	Male		Female		Total	
Year	Married	Not Married	Married	Not Married	Married	Not Married
			'000's			
1983	127	144	116	88	242	232
1982	118	134	104	84	222	218
1981	62	92	76	62	139	154
1980	67	90	75	66	142	155
1979	60	81	76	61	136	142
1978	63	88	85	61	149	149
1977	60	82	80	57	140	139
1976	53	67	68	50	122	118
1975	61	66	71	45	132	110
1974	44	49	28	29	72	78
1973	41	..	24	27	65	75
1972	51	59	24	26	75	86
1971	57	59	24	28	82	88
1966	25	..	9	..	34	..

Sources: Statistics Canada, *Labour Force Annual Averages, (71-529)*.
Special tabulations.

Notes: 1. See Table 12.5, note 2.
2. See Table 12.3, note 2.

Table 12.15 Unemployed by Sex and Family Status, Ontario, Annual Averages, 1975 to 1983

Year	Family Members						
	Head	Spouse	Unmarried Children	Other Relatives	Total	Unattached Individuals	Total
				'000's			
Male							
1983	120	5	94	16	235	36	271
1982	113	4	93	12	222	30	252
1981	60	...	64	8	134	20	154
1980	64	...	63	7	137	20	157
1979	56	...	57	8	122	18	141
1978	60	...	59	8	129	22	151
1977	57	...	55	9	122	20	142
1976	49	...	47	7	105	15	121
1975	58	...	43	7	109	17	126
Female							
1983	26	106	47	8	186	17	203
1982	24	96	44	9	172	16	189
1981	15	71	35	5	125	13	139
1980	17	70	36	5	128	13	140
1979	14	71	35	5	125	12	137
1978	14	80	35	4	133	14	147
1977	11	75	33	5	124	12	136
1976	8	65	31	4	109	10	119
1975	9	67	27	...	106	9	116
Total							
1983	145	111	141	24	421	53	474
1982	137	101	137	20	394	46	440
1981	74	73	100	12	259	34	293
1980	81	72	99	12	264	33	297
1979	70	73	92	12	248	30	278
1978	74	81	95	13	262	36	298
1977	68	76	88	14	246	32	278
1976	58	67	79	11	214	25	239
1975	67	68	70	10	215	27	242

Source: Statistics Canada, *Labour Force Annual Averages, (71-529)*.

Note: See note, Table 12.7.

Table 12.16 Unemployed by Sex and Industry, Ontario, Annual Averages, 1975 to 1983

Year	Agriculture	Other Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
				'000's		
Male						
1983	8	9	79	46	17	37
1982	7	11	84	45	15	32
1981	5	4	47	28	9	21
1980	4	4	48	31	10	20
1979	4	...	35	29	10	20
1978	4	4	33	32	11	21
1977	4	...	36	30	10	20
1976	...	...	32	23	9	17
1975	...	...	36	27	8	17

Table 12.16 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Administration	Unclassified	Total	% of Canada
			'000's			
Male						
1983	...	49	9	12	271	31.5
1982	4	37	8	9	252	32.4
1981	...	25	5	8	154	31.2
1980	...	23	7	8	157	33.0
1979	...	24	6	8	141	31.4
1978	...	25	9	9	151	30.2
1977	...	24	6	7	142	30.0
1976	...	19	6	6	121	30.0
1975	...	15	6	12	126	32.2

Table 12.16 (cont'd.)

Year	Agriculture	Other Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
				'000's		
Female						
1983	6	...	40	...	6	33
1982	6	...	44	...	5	27
1981	4	...	29	...	...	21
1980	...	...	30	...	4	23
1979	4	...	25	...	4	21
1978	4	...	30	...	4	24
1977	...	...	28	...	5	24
1976	...	...	24	...	5	19
1975	...	...	26	...	4	17

Table 12.16 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Administration	Unclassified	Total	% of Canada
			'000's			
Female						
1983	9	78	9	20	203	34.4
1982	7	72	8	17	189	35.2
1981	5	50	6	18	139	34.4
1980	6	49	6	17	140	36.0
1979	4	50	6	20	137	35.4
1978	5	51	7	19	147	36.0
1977	6	49	5	15	136	36.1
1976	5	43	4	13	119	37.0
1975	4	37	4	18	116	38.8

Table 12.16 (cont'd.)

Year	Agriculture	Other Primary	Manufacturing	Construction	Transportation, Communication & Other Utilities	Trade
				'000's		
Total						
1983	14	10	119	49	23	70
1982	13	12	128	47	20	59
1981	9	5	76	29	12	42
1980	8	5	79	33	13	43
1979	8	...	61	31	14	41
1978	7	4	63	34	15	46
1977	7	4	64	32	15	44
1976	6	4	57	25	13	36
1975	6	...	62	28	12	34

Table 12.16 (cont'd.)

Year	Finance, Insurance & Real Estate	Service	Public Administration	Unclassified	Total	% of Canada
			'000's			
Total						
1983	12	127	18	32	474	32.7
1982	11	109	16	26	440	33.5
1981	7	75	11	26	293	32.6
1980	8	72	12	25	297	34.3
1979	7	73	13	28	278	33.3
1978	8	76	15	28	298	32.8
1977	8	73	11	22	278	32.7
1976	7	62	10	20	239	32.9
1975	6	52	10	30	242	35.1

Source: Statistics Canada, *Labour Force Survey*, special tabulations.

Note: Unclassified comprises persons who have never worked before, and those persons who last worked more than 5 years ago.

Table 12.17 Unemployed by Sex and Occupation, Ontario, Annual Averages, 1975 to 1983

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
				'000's		
Male						
1983	27	16	16	35	20	69
1982	21	13	14	27	18	77
1981	12	9	9	18	11	40
1980	11	7	9	18	11	46
1979	12	8	10	16	9	35
1978	14	12	10	20	9	28
1977	12	8	10	17	9	31
1976	12	9	8	12	7	28
1975	10	8	8	12	7	30

Table 12.17 (cont'd.)

Year	Construction	Transportation	Material Handling & Other Crafts	Unclassified	Total	% of Canada
			'000's			
Male						
1983	44	15	18	12	271	31.5
1982	40	16	16	9	252	32.4
1981	26	9	11	8	154	31.2
1980	29	10	8	8	157	33.0
1979	27	9	8	8	141	31.4
1978	31	10	9	9	151	30.2
1977	28	10	9	7	142	30.0
1976	23	7	8	6	121	30.0
1975	23	8	8	12	126	32.2

Table 12.17 (cont'd.)

Year	Managerial, Professional	Clerical	Sales	Service	Primary	Processing
				'000's		
Female						
1983	24	53	20	46	7	23
1982	22	47	16	42	6	30
1981	15	33	12	32	4	19
1980	13	36	13	29	5	21
1979	16	34	11	30	5	17
1978	18	41	12	27	4	19
1977	16	38	12	27	...	20
1976	18	33	11	21	...	15
1975	14	29	10	18	...	18

Table 12.17 (cont'd.)

Year	Con-struction	Trans-portation	Material Handling & Other Crafts	Unclas-sified	Total	% of Canada
			'000's			
Female						
1983	...	...	8	20	203	34.4
1982	...	...	7	17	189	35.2
1981	...	...	6	18	139	34.4
1980	...	...	5	17	140	36.0
1979	...	...	5	20	137	35.4
1978	...	...	5	19	147	36.0
1977	...	...	5	15	136	36.1
1976	...	...	5	13	119	37.0
1975	...	...	5	18	116	38.8

Table 12.17 (cont'd.)

Year	Mana-gerial, Profes-sional	Clerical	Sales	Service	Primary	Processing
				'000's		
Total						
1983	51	69	36	81	27	92
1982	43	60	30	69	23	107
1981	27	42	21	49	16	59
1980	24	42	21	48	16	67
1979	27	41	21	46	13	52
1978	32	53	22	47	13	47
1977	28	47	22	44	12	50
1976	29	41	19	33	11	43
1975	23	37	18	30	11	49

Table 12.17 (cont'd.)

Year	Con-struction	Trans-portation	Material Handling & Other Crafts	Unclas-sified	Total	% of Canada
			'000's			
Total						
1983	45	17	25	32	474	32.7
1982	41	17	23	26	440	33.5
1981	27	10	16	26	293	32.6
1980	30	11	13	25	297	34.3
1979	27	9	13	28	278	33.3
1978	31	11	14	28	298	32.8
1977	28	11	13	22	278	32.7
1976	23	8	12	20	239	32.9
1975	24	9	13	30	242	35.1

Sources: Statistics Canada, *Labour Force Survey*, special tabulations.

Note: See note, Table 12.16.

Table 12.18 Unemployed by Occupation and Sex, Ontario Compared to Canada, 1981

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	#		#		#	
Managerial, Administrative & Related						
Officials & Administrators, Government	220	25.9	125	26.3	345	26.0
Other Managers & Administrators	2,870	29.4	1,990	32.1	4,860	30.4
Related	1,255	37.2	1,120	35.4	2,375	36.4
Total	4,345	31.0	3,240	33.0	7,585	31.8
Natural Sciences, Engineering, & Mathematics						
Physical Sciences	450	35.7	185	34.9	635	35.5
Life Sciences	105	11.6	110	20.2	215	14.8
Architects, Engineers, Community Planners	715	36.4	80	33.3	795	36.1
Other Architecture & Engineering	1,030	23.2	270	27.4	1,300	24.0
Mathematics, Statistics, Systems Analysis & Related	285	38.5	185	24.7	470	31.5
Total	2,585	27.8	830	27.2	3,415	27.6
Social Sciences & Related						
Social Sciences	150	31.9	255	37.2	405	35.1
Social Work & Related	625	26.2	1,810	30.7	2,435	29.4
Law & Jurisprudence	210	50.0	155	35.2	365	42.4
Library, Museum & Archival Sciences	80	25.4	265	26.4	345	26.1
Other	35	38.9	135	47.4	170	45.3
Total	1,100	29.9	2,625	31.6	3,725	31.1
Religion	75	35.7	40	36.4	115	35.9
Teaching & Related						
University & Related	525	37.9	450	30.5	975	34.1
Elementary & Secondary School & Related	390	22.8	1,970	26.5	2,360	25.8
Other	385	22.6	880	26.4	1,265	25.1
Total	1,300	27.1	3,295	26.9	4,595	27.0
Medicine & Health						
Health Diagnosing & Treating	90	33.3	85	29.3	175	31.3
Nursing, Therapy & Related Assisting	270	17.6	3,560	33.3	3,830	31.3
Other	255	39.8	1,150	36.3	1,405	36.9
Total	615	25.2	4,800	33.9	5,415	32.6
Artistic, Literary, Recreational & Related						
Fine & Commercial Art, Photography & Related	385	28.3	520	29.2	905	28.8
Performing & Audio-Visual Arts	665	26.9	390	33.5	1,055	29.0
Writing	245	30.8	345	33.0	590	32.1
Sports & Recreation	805	24.2	600	27.4	1,405	25.5
Total	2,110	26.5	1,855	30.0	3,965	28.0

Table 12.18 (cont'd.)

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	#		#		#	
Clerical & Related						
Stenographic & Typing	100	29.4	6,955	28.7	7,055	28.8
Bookkeeping, Account-Recording & Related	1,600	28.5	11,985	31.9	13,585	31.4
Office Machine & Electronic Data Processing Operators	270	36.5	1,440	36.5	1,710	36.5
Material Recording, Scheduling & Distributing	3,650	33.8	1,710	38.1	5,360	35.1
Library, File & Correspondence Clerks & Related	225	27.3	1,220	34.6	1,445	33.2
Reception, Information, Mail & Message Distribution	935	28.4	3,860	32.2	4,795	31.4
Other	1,275	27.7	5,090	32.5	6,365	31.4
Total	8,055	30.7	32,260	31.8	40,315	31.6
Sales						
Commodities	5,260	28.2	8,875	32.3	14,135	30.7
Services	620	33.6	590	40.3	1,210	36.6
Other	295	23.9	205	31.3	500	26.5
Total	6,170	28.4	9,665	32.7	15,835	30.9
Service						
Protective	2,535	25.7	890	28.2	3,425	26.3
Food & Beverage Preparation & Related	3,860	27.1	11,685	29.2	15,545	28.6
Lodging & Other Accommodation	370	31.0	1,185	28.4	1,555	29.0
Personal	330	23.7	2,845	26.9	3,175	26.5
Apparel & Furnishings	200	26.1	705	30.7	905	29.6
Other	4,970	29.3	3,605	31.4	8,575	30.2
Total	12,260	27.6	20,920	29.2	33,180	28.6
Farming, Horticultural & Animal Husbandry						
Farmers	140	34.1	40	38.1	180	35.0
Other	3,430	28.1	2,550	41.4	5,980	32.5
Total	3,575	28.3	2,585	41.2	6,160	32.6
Fishing, Trapping & Related	70	1.3	10	1.8	80	1.4
Forestry & Logging	1,550	9.0	330	27.7	1,880	10.2
Mining & Quarrying Including Oil & Gas Field	995	14.0	30	15.8	1,025	14.0
Processing						
Mineral Ore Treating	150	26.5	5	14.3	155	25.8
Metal Processing & Related	1,520	41.4	215	62.3	1,735	43.2
Clay, Glass & Stone Processing, Forming & Related	345	28.8	120	47.1	465	32.0
Chemicals, Petroleum, Rubber, Plastic & Related	460	30.1	325	43.6	785	34.5
Food, Beverage & Related	1,740	18.9	2,205	18.4	3,945	18.6
Wood, Except Pulp & Papermaking	415	8.9	105	27.3	520	10.3
Pulp & Papermaking & Related	325	16.5	110	42.3	435	19.5
Textile	265	16.2	710	29.0	975	23.9
Other	170	43.0	185	66.1	355	52.6
Total	5,390	21.7	3,975	23.7	9,365	22.5

Table 12.18 (cont'd.)

	Male		Female		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	#		#		#	
Machining & Related						
Metal	1,405	43.5	350	66.7	1,755	46.7
Metal Shaping & Forming, Except Machining	4,145	37.9	840	70.6	4,985	41.1
Wood	190	19.4	35	33.3	225	20.7
Clay, Glass, Stone & Related Materials	155	32.6	45	37.5	200	33.6
Other	310	34.8	125	58.1	435	39.4
Total	6,205	37.6	1,385	64.4	7,590	40.7
Product Fabricating, Assembling & Repairing						
Metal Products, n.e.c.	3,885	66.8	1,095	75.8	4,980	68.5
Electrical, Electronic & Related	1,300	37.6	1,285	59.5	2,585	46.0
Wood Products	490	18.3	230	42.6	720	22.4
Textile, Fur & Leather Products	745	24.8	3,505	24.4	4,250	24.4
Rubber, Plastic & Related Products	750	43.0	555	58.4	1,305	48.4
Mechanics & Repairers, n.e.c.	3,990	27.0	145	40.3	4,135	27.3
Other	1,590	34.9	955	45.3	2,545	38.2
Total	12,750	35.4	7,770	35.4	20,520	35.4
Construction Trades						
Excavating, Grading, Paving & Related	1,940	16.5	45	18.4	1,985	16.6
Electrical Power, Lighting & Wire Communications Equipment Erecting, Installing & Repairing	1,555	21.5	75	39.5	1,630	22.0
Other	13,295	25.7	380	25.4	13,675	25.7
Total	16,795	23.8	495	25.6	17,290	23.8
Transport Equipment Operating						
Air	75	17.0	5	7.1	80	15.7
Railway	320	32.0	20	33.3	340	32.1
Water	385	18.4	40	50.0	425	19.5
Motor	5,555	23.8	630	38.8	6,185	24.8
Other	305	33.9	10	66.7	315	34.4
Total	6,635	23.9	700	37.8	7.335	24.8
Material Handling & Related, n.e.c.	4,545	29.1	3,150	43.3	7,695	33.6
Other Crafts & Equipment Operating						
Printing & Related	590	28.3	785	37.9	1,375	33.1
Stationary Engine & Utilities Equipment & Related	265	18.7	20	26.7	285	19.1
Electronic & Related Communications Equipment, n.e.c.	110	23.7	65	44.8	175	28.7
Other Crafts & Equipment, n.e.c.	100	33.9	90	24.7	190	28.8
Total	1,070	25.1	955	36.0	2,025	29.2
Occupations, n.e.c.	4,440	31.2	1,460	50.9	5,900	34.5
All Occupations	102,650	26.5	102,375	31.8	205,025	28.9

Source: Statistics Canada, *Census of Canada, Worked since January 1, 1980, Occupation by Labour Force and Work Activity,* (92-919).

Note: Data are for experienced labour force. Excluded are those unemployed who had not worked in 1980 or from January 1, 1981 to June 1, 1981, and those who have never worked.

Table 12.19 Unemployed by Duration of Unemployment, Ontario, Annual Averages, 1976 to 1983

Year	4 Weeks or Less	5 – 13 Weeks	14 Weeks & Over	Other	Total	% of Canada
			'000's			
1983	113	127	224	10	474	32.7
1982	129	140	162	10	440	33.5
1981	102	88	93	9	293	32.6
1980	101	92	95	9	297	34.3
1979	94	86	90	8	278	33.3
1978	90	92	106	9	298	32.8
1977	87	92	91	9	278	32.7
1976	81	79	70	9	239	32.9

Source: Statistics Canada, *Labour Force Annual Averages*, (71-529).

Note: Other includes persons with a job to start within four weeks of the reference week who had not actively looked for work in the past four weeks, but who were available for work in the reference week.

Table 12.20 Unemployment Rate, Ontario and Other Provinces, Selected Years, Annual Averages, 1946 to 1983

Year	Ontario	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
			percent			
1983	10.4	18.8	12.2	13.2	14.8	13.9
1982	9.8	16.8	12.9	13.2	14.0	13.8
1981	6.6	13.9	11.2	10.2	11.5	10.3
1980	6.8	13.3	10.6	9.7	11.0	9.8
1979	6.5	15.1	11.2	10.1	11.1	9.6
1978	7.2	16.2	9.8	10.5	12.5	10.9
1977	7.0	15.5	9.8	10.6	13.2	10.3
1976	6.2	13.3	9.6	9.5	11.0	8.7
1975	6.3	14.0	8.0	7.7	9.8	8.1
1974	4.4	13.0	...	6.8	7.5	6.6
1973	4.3	10.0	...	6.6	7.7	6.8
1972	5.0	9.2	10.8	7.0	7.0	7.5
1971	5.4	8.4	...	7.0	6.1	7.3
1966	2.6	5.8	...	4.7	5.3	4.1
1961	5.5	19.5	..	8.1	10.5	9.2
1956	2.4	6.5	..	4.3	7.8	5.0
1951	1.7	7.8	..	4.3	2.4	2.9
1946	2.8	..	..	..	..	4.0

Table 12.20 (cont'd.)

Year	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
			percent		
1983	9.4	7.4	10.8	13.8	11.9
1982	8.5	6.2	7.7	12.1	11.0
1981	5.9	4.7	3.8	6.7	7.5
1980	5.5	4.4	3.7	6.8	7.5
1979	5.3	4.2	3.9	7.6	7.4
1978	6.5	4.9	4.7	8.3	8.3
1977	5.9	4.5	4.5	8.5	8.1
1976	4.7	3.9	4.0	8.6	7.1
1975	4.5	2.9	4.1	8.5	6.9
1974	3.6	2.8	3.5	6.2	5.3
1973	4.6	3.5	5.3	6.7	5.5
1972	5.4	4.4	5.6	7.8	6.2
1971	5.7	3.5	5.7	7.2	6.2
1966	2.8	1.5	2.5	4.6	3.4
1961	5.0	4.1	4.7	8.5	7.1
1956	3.0	2.4	1.5	2.8	3.4
1951	2.3	1.3	1.4	3.5	2.4
1946	..	..	..	3.9	3.4

Sources: Statistics Canada, *Historical Labour Force Statistics*, (71-201).
Special tabulations.

Note: Canada includes Newfoundland data beginning in 1950.

Table 12.21 Unemployment Rate by Sex and Age, Ontario, Selected Years, Annual Averages, 1946 to 1983

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 +	Total
			percent			
Male						
1983	21.8	19.3	8.6	6.6	...	10.4
1982	22.3	17.7	7.6	6.2	...	9.7
1981	16.0	11.4	4.1	3.4	...	6.0
1980	17.1	9.7	4.7	3.6	...	6.2
1979	15.2	9.2	3.9	3.5	...	5.6
1978	17.6	10.3	4.2	3.9	...	6.1
1977	15.7	11.1	4.0	3.7	...	5.9
1976	14.9	8.9	3.7	2.8	...	5.1
1975	14.4	9.2	3.9	3.2	...	5.4
1974	10.3	6.8	2.9	2.7	...	4.0
1973	10.0	7.5	2.9	2.8	...	4.1
1972	13.3	8.9	3.4	3.9	...	5.1
1971	15.8	9.2	3.7	4.2	4.6	5.5
1966	7.5	3.6	1.8	2.3	3.7	2.6
1961	13.2	9.6	5.4	5.6	5.6	6.3
1956	5.8	3.8	2.2	2.5	...	2.8
1951	..	..	..	..	..	1.7
1946	..	..	..	..	..	3.0
Female						
1983	17.3	13.8	9.2	7.4	...	10.3
1982	17.0	13.1	8.7	6.7	...	9.8
1981	14.7	8.5	6.7	4.6	...	7.4
1980	14.6	9.9	6.7	4.9	...	7.7
1979	14.8	9.3	7.1	4.7	...	7.8
1978	16.0	10.2	8.3	5.4	...	8.8
1977	15.4	11.3	7.5	5.6	...	8.6
1976	14.5	8.6	7.4	4.8	...	7.8
1975	13.9	8.8	6.9	5.7	...	7.8
1974	8.7	6.0	3.7	2.4	...	4.4
1973	9.0	5.6	3.2	2.4	...	4.2
1972	9.7	5.7	3.3	2.9	...	4.4
1971	11.5	5.9	3.4	3.0	...	4.8
1966	6.1	2.6	1.8	1.4	...	2.3
1961	8.0	...	2.4	2.1	...	3.2
1956	...	...	...	...	...	1.3
1951	..	..	..	..	..	1.8
1946	..	..	..	..	..	2.2

Table 12.21 (cont'd.)

Year	15 – 19	20 – 24	25 – 44	45 – 64	65 +	Total
			percent			
Total						
1983	19.6	16.7	8.9	6.9	. . .	10.4
1982	19.7	15.6	8.1	6.4	. . .	9.8
1981	15.4	10.0	5.2	3.9	. . .	6.6
1980	15.9	9.8	5.5	4.1	. . .	6.8
1979	15.0	9.2	5.2	4.0	. . .	6.5
1978	16.8	10.2	5.8	4.5	. . .	7.2
1977	15.6	11.2	5.3	4.4	. . .	7.0
1976	14.7	8.8	5.1	3.5	. . .	6.2
1975	14.2	9.0	5.0	4.0	4.7	6.3
1974	9.5	6.5	3.1	2.6	. . .	4.1
1973	9.8	6.6	3.0	2.7	. . .	4.1
1972	11.6	7.6	3.4	3.6	. . .	4.8
1971	13.9	7.8	3.6	3.8	. . .	5.3
1966	6.9	3.2	1.8	2.0	3.3	2.5
1961	10.9	7.2	4.6	4.8	5.5	5.5
1956	4.3	3.2	2.0	2.2	. . .	2.4
1951	. .	. .	. .	. .	. .	1.7
1946	. .	. .	. .	. .	. .	2.8

Sources: Statistics Canada, *Labour Force Annual Averages*, (71-529).
Special tabulations.

Note: See notes, Table 12.3.

Table 12.22 Unemployment Rate by Marital Status and Sex, Ontario, Selected Years, Annual Averages, 1966 to 1983

Year	Male		Female		Total	
	Married	Not Married	Married	Not Married	Married	Not Married
			percent			
1983	7.1	17.6	9.6	11.3	8.1	14.6
1982	6.6	16.7	8.9	11.2	7.5	14.0
1981	3.5	11.2	6.7	8.4	4.8	9.9
1980	3.8	11.5	6.8	9.2	5.0	10.4
1979	3.4	10.7	7.1	9.0	4.8	9.9
1978	3.6	12.3	8.3	9.7	5.3	11.1
1977	3.5	12.0	8.2	9.3	5.2	10.7
1976	3.1	10.5	7.2	8.7	4.6	9.7
1975	3.5	10.5	7.7	8.1	5.0	9.4
1974	2.6	8.0	3.5	5.8	2.9	7.0
1973	2.5	. .	3.2	5.7	2.7	7.1
1972	3.1	10.9	3.4	5.8	3.2	8.7
1971	3.6	11.3	3.6	6.5	3.6	9.2
1966	1.8	. .	1.7	. .	1.8	. .

Sources: Statistics Canada, *Labour Force Annual Averages*, (71-529).
Special tabulations.

Notes: 1. See Table 12.5, note 2.
2. See Table 12.3, note 2.

Table 12.23 Unemployment Rate by Sex and Family Status, Ontario, Annual Averages, 1975 to 1983

Year	Family Members Head	Spouse	Unmarried Children	Other Relatives	Total	Unattached Individuals	Total
				percent			
Male							
1983	7.0	6.0	20.4	22.5	10.1	12.6	10.4
1982	6.6	6.4	20.8	16.7	9.6	10.5	9.7
1981	3.5	...	14.3	11.0	5.9	6.7	6.0
1980	3.7	...	14.4	11.5	6.1	7.3	6.2
1979	3.3	...	13.2	11.1	5.4	6.8	5.6
1978	3.5	...	14.8	12.6	5.8	8.5	6.1
1977	3.4	...	14.1	13.8	5.6	8.2	5.9
1976	2.9	...	12.7	11.5	4.9	6.9	5.1
1975	3.5	...	11.8	11.1	5.1	8.2	5.4
Female							
1983	11.9	9.6	13.8	13.3	10.9	6.6	10.3
1982	12.1	8.8	13.5	15.0	10.3	6.3	9.8
1981	8.1	6.6	11.2	8.2	7.7	5.2	7.4
1980	10.3	6.7	11.6	8.9	8.1	5.2	7.7
1979	9.2	7.1	12.1	8.6	8.3	4.9	7.8
1978	10.1	8.2	12.7	7.9	9.3	6.1	8.8
1977	8.5	8.2	12.6	10.2	9.1	5.5	8.6
1976	7.9	7.3	11.9	8.5	8.3	4.7	7.8
1975	8.5	7.7	10.9	...	8.4	4.6	7.8
Total							
1983	7.6	9.3	17.6	18.3	10.5	9.8	10.4
1982	7.1	8.7	17.7	15.9	9.9	8.5	9.8
1981	3.9	6.5	13.0	9.7	6.6	6.1	6.6
1980	4.3	6.7	13.3	10.3	6.9	6.3	6.8
1979	3.8	7.0	12.7	10.0	6.6	5.9	6.5
1978	4.0	8.2	14.0	10.5	7.2	7.4	7.2
1977	3.7	8.1	13.5	12.2	7.0	6.9	7.0
1976	3.2	7.3	12.4	10.2	6.2	5.8	6.2
1975	3.8	7.7	11.4	9.1	6.3	6.4	6.3

Source: Statistics Canada, *Labour Force Annual Averages*, (71-529).

Note: See note, Table 12.7.

Table 12.24 Unemployed Youth and Other by Looking/Not Looking For Work, Ontario, Annual Averages, 1976 to 1983

Year	Looked for Work: 1 – 13 Weeks	Looked for Work: 14 Weeks & Over	Looked for Work: On Layoff & Future Starts	Looked for Work: Total	Did Not Look For Work	Total Unemployed
			'000's			
15 – 24 Years						
1983	98	74	11	183	9	192
1982	107	58	12	177	10	187
1981	83	34	7	127	10	137
1980	85	34	6	128	9	138
1979	80	32	8	121	8	129
1978	82	38	7	129	8	137
1977	79	37	6	124	8	132
1976	71	25	5	103	8	111
25 & Over						
1983	103	137	16	255	26	282
1982	106	92	18	217	36	253
1981	69	52	13	133	22	155
1980	68	54	12	135	24	160
1979	67	53	11	131	18	149
1978	72	63	10	144	17	161
1977	68	49	10	127	19	146
1976	59	41	5	109	20	129
Total						
1983	201	210	26	438	36	474
1982	214	150	29	393	47	440
1981	152	86	23	261	32	293
1980	154	88	21	264	34	297
1979	147	85	21	252	26	278
1978	153	101	18	273	25	298
1977	147	86	18	251	27	278
1976	130	66	15	211	28	239

Source: Statistics Canada, *Labour Force Annual Averages*, (71-529).

Table 12.25 Unemployed Youth and Other by Activity Prior to Looking for Work, Ontario, Annual Averages, 1975 to 1983

	Looking						
Year	Working	Keeping House	Attending School	Other	Total	Not Looking	Total Unem-ployed
				'000's			
15 – 24 Years							
1983	109	10	56	9	183	9	192
1982	111	9	49	8	177	10	187
1981	73	8	40	7	127	10	137
1980	73	8	41	6	128	9	138
1979	68	8	39	5	121	8	129
1978	73	8	44	5	129	8	137
1977	71	10	38	6	124	8	132
1976	52	7	38	5	103	8	111
1975	52	9	33	7	101	9	110
25 & Over							
1983	199	36	8	12	255	26	282
1982	168	31	5	13	217	36	253
1981	94	27	...	9	133	22	155
1980	98	26	4	7	135	24	160
1979	92	28	4	8	131	18	149
1978	103	27	5	9	144	17	161
1977	92	23	4	8	127	19	146
1976	74	24	4	7	109	20	129
1975	68	27	...	8	107	26	132
Total							
1983	308	46	63	21	438	36	474
1982	279	40	54	21	393	47	440
1981	167	35	43	16	261	32	293
1980	171	34	45	13	264	34	297
1979	159	36	43	14	252	26	278
1978	175	35	48	14	273	25	298
1977	164	33	42	14	251	27	278
1976	126	32	41	12	211	28	239
1975	120	36	36	15	208	34	242

Source: Statistics Canada, *Labour Force Annual Averages*, (71-529).

Table 12.26 Families With At Least One Unemployed Person by Status of Head and Number of Children, Ontario, Annual Averages, 1975 to 1983

Year	No Children	One Child	Two Children	Three or More Children	Total
			'000's		
Head of Family Unemployed					
1983	40	39	41	23	143
1982	40	35	39	21	135
1981	23	19	20	13	74
1980	20	24	22	14	80
1979	20	18	17	13	69
1978	21	21	17	13	72
1977	20	18	16	14	67
1976	16	16	13	12	57
1975	21	16	17	12	67
Head of Family Employed					
1983	42	58	70	51	221
1982	38	53	62	57	210
1981	25	40	48	45	158
1980	28	39	46	42	155
1979	28	36	45	45	153
1978	27	38	45	51	162
1977	29	35	41	48	153
1976	25	32	35	43	135
1975	24	28	34	43	129
Total Families					
1983	83	97	111	74	365
1982	78	88	101	78	345
1981	48	59	68	58	233
1980	48	63	68	56	235
1979	48	54	62	59	222
1978	49	59	63	64	234
1977	48	52	57	62	220
1976	42	48	48	55	192
1975	45	44	51	56	196

Source: Statistics Canada, *Labour Force Annual Averages*, (71-529).

Note: See note, Table 12.7.

Table 12.27 Flows Into Unemployment by Sex, Ontario, Annual Averages, 1975 to 1983

Year	Job Losers	Job Leavers	Entrants	Re-Entrants 1 Year or less	Re-Entrants More Than 1 Year	Total Unem-ployed
				'000's		
Male						
1983	184	33	10	26	17	271
1982	170	35	8	26	12	252
1981	88	31	7	20	8	154
1980	95	29	7	18	7	157
1979	82	28	7	17	6	141
1978	81	34	8	21	8	151
1977	83	29	6	17	7	142
1976	63	28	6	20	5	121
1975	62	33	6	20	5	126
Female						
1983	89	36	10	33	36	203
1982	84	36	10	30	29	189
1981	47	32	10	28	23	139
1980	50	31	10	26	23	140
1979	45	29	12	26	25	137
1978	51	33	13	25	24	147
1977	48	30	10	26	22	136
1976	35	29	10	27	19	119
1975	30	28	7	32	18	116
Total						
1983	273	69	21	58	53	474
1982	254	71	18	57	41	440
1981	135	62	17	48	31	293
1980	144	60	17	45	31	297
1979	127	57	19	43	32	278
1978	132	67	21	46	32	298
1977	131	59	17	43	29	278
1976	97	56	15	47	24	239
1975	93	61	13	52	23	242

Source: Statistics Canada, *Labour Force Annual Averages*, (71-529).

Table 12.28 Plant Layoffs by Type of Cutback, Ontario, 1981 to 1983

Year	Reduced Operations	Partial Closure	Complete Closure	Total
		number		
Establishments				
1983	97	13	76	186
1982	207	26	108	341
1981	99	15	81	195
Employees Affected				
1983	11,767	1,115	6,261	19,143
1982	36,707	1,680	10,931	49,318
1981	13,593	1,463	6,509	21,565

Source: Ministry of Labour, *Report on Permanent and Indefinite Layoffs in Ontario*.

Notes:
1. Data cover plants with permanent and indefinite layoffs (more than 13 weeks) of 50 or more employees since they are required to report to the Ministry of Labour. The extent of coverage of layoffs of less than 50 is therefore limited. Also excluded are temporary layoffs (duration of 13 weeks or less), and layoffs that can exceed 13 weeks where the employer continues to pay a benefit (or benefits) on behalf of the workers. No information on recalls is available.
2. Reduced operations involve a general cut-back of an establishment's operation.
3. Partial closures involve a permanent cessation of a specific part of an establishment's operation.
4. Complete closures involve a complete or permanent cessation of an establishment's operation.

Table 12.29 Average Weekly Earnings by Industry, Ontario, Selected Years, 1961 to 1982

	Forestry		Mining incl. Milling		Manufacturing		Construction	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$		$		$		$	
1982	462.60	94.9	553.29	90.9	430.22	101.4	532.48	95.3
1981	458.78	101.3	488.85	91.5	389.46	101.5	496.72	95.3
1980	409.66	101.2	428.29	91.4	347.14	101.4	445.39	96.5
1979	378.47	104.9	383.34	91.4	318.28	102.3	405.68	95.9
1978	345.69	105.9	348.31	92.5	293.11	102.6	373.96	96.0
1977	358.40	114.6	329.32	94.6	273.73	102.9	353.32	95.5
1976	318.30	110.8	303.38	95.7	249.12	103.3	318.91	96.3
1975	281.02	112.6	265.82	94.8	220.23	103.2	286.29	98.4
1974	242.37	110.3	229.12	95.9	193.52	104.3	258.68	103.3
1973	221.66	112.5	206.58	97.7	176.98	105.7	236.87	105.1
1972	193.37	111.8	188.98	99.3	165.18	105.8	222.43	106.0
1971	168.54	108.4	177.52	100.3	152.14	105.7	197.66	105.0
1966	109.86	104.8	115.35	96.5	104.95	104.8	123.34	102.6
1961	94.16	119.2	96.91	101.4	85.77	105.2	92.67	106.6

Table 12.29 (cont'd.)

	Transportation, Communication & Other Utilities		Trade		Finance, Insurance & Real Estate		Service		Industrial Composite	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$		$		$		$		$	
1982	475.94	98.7	268.27	95.1	394.64	101.2	259.73	99.7	381.88	97.7
1981	420.99	98.5	250.97	95.6	358.15	101.3	233.07	99.2	347.92	97.9
1980	380.40	99.8	228.51	95.8	305.84	100.5	210.10	99.5	311.45	98.1
1979	342.64	100.3	211.42	96.6	274.96	101.1	193.82	100.3	285.57	99.0
1978	314.72	100.5	195.90	97.1	252.37	101.6	181.12	100.6	264.04	99.5
1977	292.76	100.6	184.94	96.8	233.80	101.8	174.49	101.9	249.46	99.8
1976	267.62	102.1	170.95	96.8	216.77	101.4	163.47	101.9	228.72	100.3
1975	241.32	103.1	155.64	97.8	197.64	102.3	147.96	103.0	204.85	100.7
1974	210.48	103.0	138.32	98.9	177.21	102.9	130.84	103.8	181.43	101.9
1973	188.78	103.8	126.21	99.8	159.64	103.3	120.66	105.4	165.70	103.3
1972	175.93	104.8	113.68	100.9	145.54	103.4	112.15	104.5	154.92	103.8
1971	161.06	104.5	110.25	101.7	134.26	103.6	103.51	105.0	143.04	103.9
1966	106.15	102.5	78.61	102.2	95.97	103.1	72.28	102.9	99.40	103.2
1961	85.63	103.8	66.41	102.9	73.83	101.4	59.62	103.0	81.30	103.9

Source: Statistics Canada, *Employment, Earnings and Hours*, (72-002).

Table 12.30 Average Hourly Earnings in Manufacturing, Ontario and Other Regions of Canada, Selected Years, 1961 to 1982

Year	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			dollars			
1982	10.16	9.12	9.46	10.68	13.88	10.25
1981	9.13	8.30	8.47	9.49	12.19	9.17
1980	8.17	7.28	7.54	8.36	10.82	8.19
1979	7.48	6.69	6.80	7.52	9.73	7.44
1978	6.91	6.12	6.22	6.86	8.95	6.84
1977	6.47	5.80	5.77	6.45	8.29	6.38
1976	5.87	5.21	5.16	5.79	7.55	5.76
1975	5.18	4.61	4.56	5.12	6.55	5.06
1974	4.54	3.98	3.87	4.33	5.66	4.37
1973	4.06	3.25	3.35	3.80	4.91	3.85
1972	3.74	2.93	3.09	3.47	4.49	3.54
1971	3.47	2.67	2.89	3.22	4.12	3.28
1966	2.37	1.85	2.02	2.12	2.78	2.25
1961	1.94	1.58	1.65	1.83	2.23	1.83

Source: Statistics Canada, *Employment, Earnings and Hours, (72-002).*

Note: Rates are for hourly-rated wage earners.

Table 12.31 Average Weekly Hours in Manufacturing, Ontario and Other Regions of Canada, Selected Years, 1961 to 1982

Year	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			Hours			
1982	38.3	36.7	37.9	36.9	34.7	37.7
1981	39.1	37.7	38.8	37.9	35.5	38.5
1980	39.0	38.0	38.9	37.7	36.2	38.5
1979	39.4	38.2	38.9	37.6	36.3	38.8
1978	39.3	38.1	39.1	37.6	36.4	38.8
1977	39.3	37.9	38.9	37.2	36.2	38.7
1976	39.3	37.9	38.9	37.3	36.5	38.7
1975	38.9	38.2	39.1	37.3	36.1	38.6
1974	39.2	38.2	39.6	37.6	36.4	38.8
1973	40.0	39.6	40.1	38.5	37.3	39.6
1972	40.2	39.8	40.6	38.8	37.6	40.0
1971	39.8	39.6	40.3	38.9	37.2	39.7
1966	40.7	41.1	41.8	39.9	37.7	40.8
1961	40.5	40.6	41.5	39.6	37.7	40.6

Source: Statistics Canada, *Employment, Earnings and Hours, (72-002).*

Note: See note, Table 12.30.

Table 12.32 Paid Jobs and Average Hourly Earnings by Sex, Ontario, 1981

	Jobs Held in 1981			Average Hourly Earnings		
	Male	Female	Total	Male	Female	Total
		'000's			dollars	
Full-time	2,513	1,616	4,129	9.24	7.18	8.48
Part-time	374	703	1,077	6.67	6.34	6.44
Full-year	1,627	1,165	2,791	9.64	7.42	8.79
Part-year	1,260	1,154	2,414	7.58	6.15	6.97
Unionized	962	490	1,451	9.90	8.21	9.37
Non-unionized	1,925	1,830	3,754	8.68	6.65	7.80
Total	2,887	2,319	5,206	9.15	7.08	8.34

Source: Statistics Canada, *Labour Force Survey Research Paper No.38., Hourly Earnings Data from the Survey of 1981 Work History.*

Notes: 1. Paid worker jobs include jobs paid by the hour and salaried positions.
2. Full-year jobs are positions held by the same incumbent throughout 1981, i.e. some work was done at that job in each month of the year. Part-year jobs are positions held in only some months of 1981, including seasonal and temporary jobs.
3. Full-time jobs are those involving 120 hours or more of work per month.

Table 12.33 Minimum Hourly Wages, Ontario, Selected Years, 1966 to 1984

Year	Effective Date	General Workers	Construction Workers	Students
			dollars	
1984	October 1	4.00	4.25	3.15
	March 1	3.85	4.10	3.00
1981	October 1	3.50	3.75	2.65
	March 31	3.30	3.55	2.45
1979	January 1	3.00	3.25	2.15
1978	August 1	2.85	3.15	2.15
1976	March 15	2.65	2.90	2.15
1971	April 1	1.65	1.90	1.30
1966	December 27/65	1.00	1.25	0.80

Source: Ministry of Labour, Research Branch.

Note: Zones and sex in regard to minimum wage were eliminated as of December 27, 1965. Since February 1, 1973, the student minimum wage has applied only to students under 18 years of age; there was no age restriction prior to this date.

Table 12.34 Membership of Reporting National Labour Organizations by Affiliation, Ontario, 1971 to 1981

Year	CLC	CNTU	PSAC/ CLC	Unaf- filiated	Total	% of Canada
			number			
1981	228,529	70	72,126	166,467	467,192	29.0
1980	190,956	140	66,546	170,229	427,871	27.8
1979	185,056	302	70,853	153,029	409,240	28.0
1978	169,245	267	72,434	148,850	390,796	27.9
1977	170,572	193	71,299	133,640	375,704	28.7
1976	162,299	185	67,727	106,962	337,173	26.7
1975	153,050	187	66,766	108,736	328,739	26.8
1974	133,809	151	61,706	113,101	308,767	25.8
1973	117,220	115	56,028	98,482	271,845	25.6
1972	110,080	110	59,439	93,314	262,943	28.1
1971	99,589	150	58,283	89,658	247,680	25.8

Source: Statistics Canada, *Corporations and Labour Unions Returns Act, Part II - Labour Unions*, (71-202).

Notes: 1. CLC - Canadian Labour Congress.
2. CNTU - Confederation of National Trade Unions.
3. PSAC - Public Service Alliance of Canada.
4. Data include government employees' organizations.

Table 12.35 Membership of Reporting International Labour Organizations by Affiliation, Ontario, 1971 to 1981

Year	AFL-CIO/ CLC	AFL-CIO Only	CLC Only	Unaf- filiated	Total	% of Canada
			number			
1981	518,118	751	100,615	36,475	656,022	42.4
1980	518,477	888	124,923	37,672	681,960	43.9
1979	530,990	1,184	139,533	35,414	707,121	44.9
1978	509,050	4,451	140,700	31,384	685,585	44.9
1977	507,775	5,739	137,166	31,049	681,729	45.0
1976	509,336	9,758	130,341	30,697	680,132	44.9
1975	521,451	..	129,761	31,712	682,924	45.2
1974	514,925	414	130,129	31,289	676,757	45.5
1973	517,888	379	134,950	30,443	683,660	45.1
1972	508,466	392	101,333	47,850	658,041	45.6
1971	498,833	404	97,548	52,990	649,775	45.9

Source: Statistics Canada, *Corporations and Labour Unions Returns Act, Part II - Labour Unions*, (71-202).

Notes: 1. AFL - American Federation of Labour.
2. CIO - Congress of Industrial Organizations.
3. See Table 12.34, note 1.

Table 12.36 Distribution of Collective Agreements of All Reporting Labour Organizations, Ontario, 1971 to 1981

Year	International Unions		National Unions		Government Employees Organizations		Total	
	Agree-ments	Locals	Agree-ments	Locals	Agree-ments	Locals	Agree-ments	Locals
				number				
1981	5,067	1,840	2,022	1,325	169	1,038	7,258	4,203
1980	5,709	1,881	1,820	1,232	168	1,023	7,697	4,136
1979	5,831	1,940	1,693	1,175	168	1,030	7,692	4,145
1978	5,913	1,938	1,567	1,182	166	1,001	7,646	4,121
1977	5,769	1,954	1,636	1,113	163	998	7,568	4,065
1976	5,766	1,981	1,377	914	164	1,000	7,307	3,895
1975	5,889	1,992	1,269	863	164	976	7,322	3,831
1974	6,195	2,000	1,087	763	160	1,144	7,442	3,907
1973	5,677	2,068	856	689	147	1,114	6,680	3,871
1972	6,351	2,129	809	656	36	1,036	7,196	3,821
1971	7,243	2,163	744	635	33	897	8,020	3,695

Source: Statistics Canada, *Corporations and Labour Unions Returns Act, Part II – Labour Unions, (71-202).*

Notes: 1. Agreements are collective bargaining agreements reported under the Corporations and Labour Unions Returns Act.
2. Locals are local union branches affiliated to labour organizations reporting under the Act.

Table 12.37 Strikes and Lockouts, Ontario, Selected Years, 1961 to 1982

Year	Strikes & Lockouts	Employees Involved	Duration of Strikes/Lockouts	
			Person Days	% of Canada
	number		'000's	
1982	215	89,044	2,207.0	38.0
1981	243	74,731	2,258.6	25.4
1980	268	80,014	1,676.1	18.6
1979	308	106,629	2,529.1	32.3
1978	276	121,771	2,970.4	40.2
1977	243	83,250	1,109.0	32.4
1976	279	109,527	1,654.8	15.6
1975	359	124,773	3,175.3	29.1
1974	339	117,419	2,628.0	28.4
1973	204	108,469	1,694.2	29.3
1972	188	68,590	2,072.8	26.7
1971	205	79,726	1,366.8	47.7
1966	297	121,110	1,356.1	26.2
1961	166	39,817	644.8	48.3

Source: Ministry of Labour, Research Branch, *Union Membership – Strikes and Lockouts.*

Chapter 13
Trade

Trade

Merchandise exports abroad account for roughly one-third of Ontario's total output. Of these exports, more than 90 per cent are manufactured and semi-manufactured goods. Imports are also heavily weighted towards manufactured and semi-manufactured commodities, with these types of goods accounting for about 85 per cent of the Ontario total.

Both the federal and Provincial governments encourage the development and promotion of trade opportunities for domestic industry. The Ontario Ministry of Industry and Trade provides support services to businesses, including export consultation, trade offices and trade missions, financial assistance, market research and information services. The federal Department of Industry and Trade operates similar programs, while the Export Development Corporation provides financial services to exporters including insurance, guarantees, and long-term loans.

The data in this chapter cover exports, imports and the net balance of trade with other countries, and interprovincial shipments of wholesalers and manufacturers.

Sources of Data

The major sources of data are:

- Statistics Canada compilations of trade data, mainly based on records of Revenue Canada, Customs and Excise;
- Statistics Canada's survey of destination of shipments of manufacturers;
- Statistics Canada's survey of the origin and destination of goods shipped by wholesale merchandising establishments.

Trade data are compiled monthly by Statistics Canada from customs documents combined with supplementary information on energy exports and imports. Domestic exports consist of goods produced wholly in Canada and foreign goods which have undergone some processing in Canada. Total exports include both domestic exports and re-exports, which are goods exported in the same condition as when imported. Imports include all goods entering Canada, whether passed through Customs for immediate use or stored in bonded Customs warehouses. Exports and imports are generally documented at values which reflect the actual selling price. Merchandise trade statistics exclude non-trade transactions such as settlers effects, private donations and gifts, and tourist purchases.

In classifying trade by country, exports are attributed to the last known destination at time of export. Imports are generally ascribed to the country where the goods were first directly consigned to Canada, which is not necessarily the country of origin.

Provincial export statistics are currently based upon province of lading, indicating where the goods were first laden aboard a carrier for export. However, beginning in 1984, Revenue Canada and Statistics Canada will report provincial exports on a province of origin basis. Imports are classified by province on the basis of customs port of clearance. The final destination of an imported commodity need not be within the same province as its port of clearance.

Detailed external trade statistics are published monthly, quarterly and annually by Statistics Canada, (series 65). Aggregate data are also available on CANSIM. Additional information can be obtained from the External Trade Division of Statistics Canada, telephone Ottawa, 990-9796.

A summary of external trade data is published annually by the Ontario Ministry of Industry and Trade in *Ontario Exports and Imports*. For further information, contact the Trade Policy and Planning Branch, Ministry of Industry and Trade, telephone Toronto, 965-3500.

Only a limited amount of information is available on interprovincial trade. Statistics Canada has conducted three occasional surveys on the destination of manufacturers' shipments for the years 1967, 1974 and 1979. Shipments consist of goods of own manufacture and exclude imports, custom and repair work, and goods purchased for resale. Shipment destination refers only to the first destination and does not reflect the trade pattern of final destination or the total market for manufactured goods. The data have been published in *Destination of Shipments of Manufacturers, (31-530)*. For further information, contact the Manufacturing and Primary Industries Division of Statistics Canada, telephone Ottawa, 990-9832.

To complement the survey of manufacturers' shipments and provide a more complete picture of interprovincial trade, Statistics Canada conducted an origin and destination survey of goods shipped by wholesale merchants for 1979. This experimental survey covered approximately 27,000 wholesale merchants, primarily engaged in buying and selling goods on their own account. Wholesale agents, brokers and grain merchants were excluded. Origin of goods refers to the physical location of the goods immediately prior to shipment, while destination refers to the first location to which the goods were shipped. The results of the 1979 survey have been published in *Origin and Destination of Goods of Merchandising Establishments, (63-540).* For additional information contact the Merchandising and Services Division of Statistics Canada, telephone Ottawa, 990-9679.

A further source of information on foreign trade is The Canadian Export Association, telephone Ottawa, 238-8888.

Trade

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13.1 Merchandise Exports and Imports, Ontario, 1971 to 1982
13.2 Balance of Automotive Trade with the United States, Ontario, 1982
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13.1 Merchandise Exports and Imports, Ontario, 1971 to 1982
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13.11 Destination of Shipments by Wholesale Merchant Establishments, Ontario, 1979
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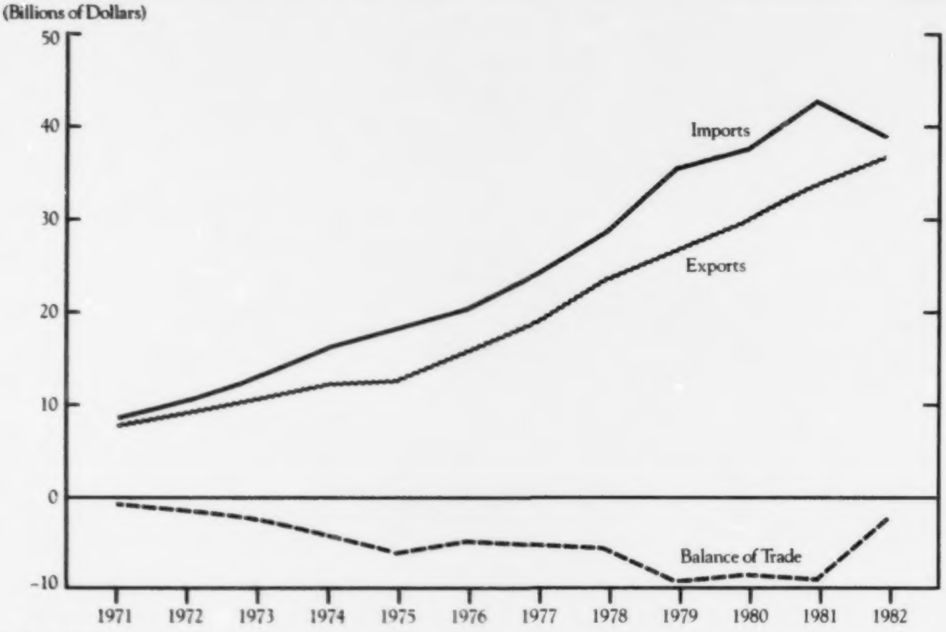
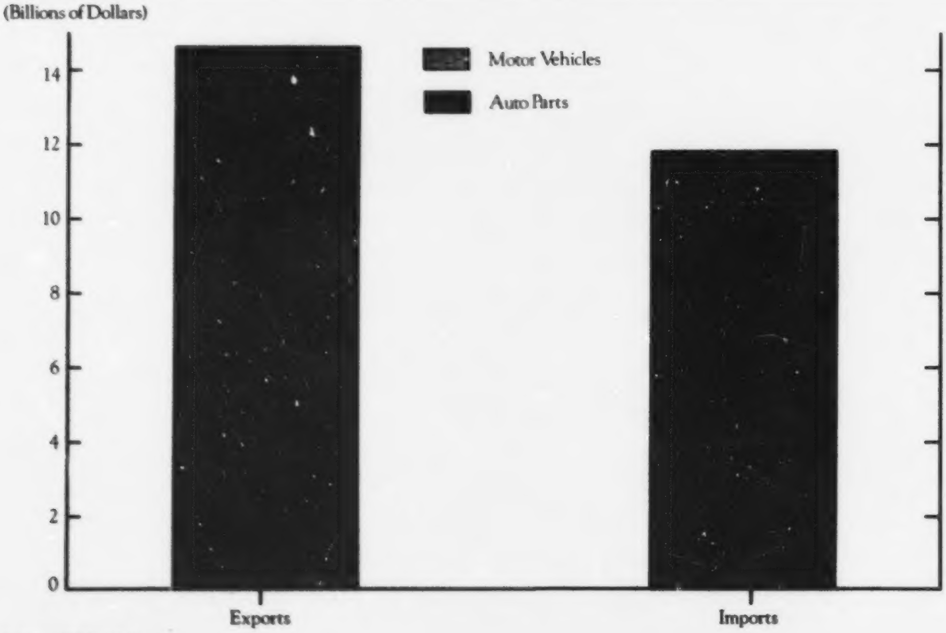
Chart 13.1 Merchandise Exports and Imports, Ontario, 1971 to 1982



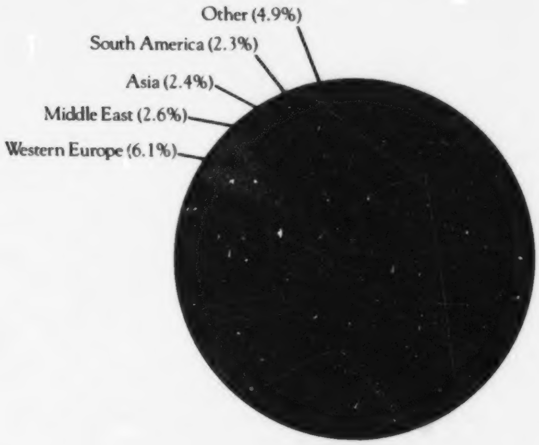
Refer to Table 13.1

Chart 13.2 Balance of Automotive Trade with the United States, Ontario, 1982



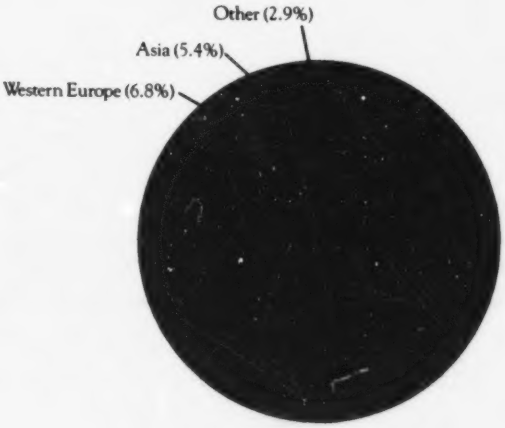
Refer to Table 13.3

Chart 13.3 Exports by Major Markets, Ontario, 1982



Refer to Table 13.6

Chart 13.4 Imports by Major Suppliers, Ontario, 1982



Refer to Table 13.9

Table 13.1 Merchandise Exports and Imports, Ontario, 1971 to 1982

Year	Exports	Imports	Balance of Trade
		$ millions	
1982	36,842	39,071	- 2,229
1981	34,042	42,960	- 8,918
1980	29,494	37,737	- 8,243
1979	26,841	35,807	- 8,966
1978	23,343	28,762	- 5,419
1977	19,099	24,084	- 4,985
1976	15,660	20,344	- 4,684
1975	12,472	18,415	- 5,943
1974	12,387	16,286	- 3,899
1973	10,930	13,174	- 2,244
1972	9,060	10,566	- 1,506
1971	8,094	8,755	- 661

Source: Ministry of Industry and Trade, *Ontario Exports and Imports*.

Note: Merchandise exports and imports refer to Province of Lading and Province of Clearance, respectively.

Table 13.2 Balance of Trade by Commodity Section, Ontario, 1979 to 1982

Year	Live Animals	Food, Feed, Beverages & Tobacco	Crude Materials Inedible	Fabricated Materials Inedible	End Products Inedible	Special Transactions Trade	Total
				$ millions			
United States							
1982	- 24.6	- 371.3	- 2,431.5	3,079.5	- 3,003.5	- 302.5	- 3,053.7
1981	- 102.2	- 513.8	- 2,813.3	2,575.4	- 8,784.9	- 298.1	- 9,936.9
1980	- 9.9	- 432.3	- 3,046.1	1,605.8	- 7,250.7	- 232.6	- 9,365.8
1979	28.1	- 355.7	- 1,881.6	512.7	- 7,037.2	- 144.3	- 8,878.0
Other Countries							
1982	30.8	- 135.8	330.0	566.4	118.2	- 85.0	824.5
1981	31.8	6.2	449.1	304.7	306.6	- 79.9	1,018.6
1980	29.0	- 135.3	625.3	855.5	- 178.8	- 72.7	1,123.0
1979	28.7	- 212.6	466.7	151.1	- 457.1	- 64.5	- 87.7
Total							
1982	6.2	- 507.1	- 2,101.5	3,645.9	- 2,885.3	- 387.5	- 2,229.2
1981	- 70.4	- 507.6	- 2,364.2	2,880.1	- 8,478.3	- 378.0	- 8,918.3
1980	19.1	- 567.6	- 2,420.8	2,461.3	- 7,429.5	- 305.3	- 8,242.8
1979	56.8	- 568.3	- 1,414.9	663.8	- 7,494.3	- 208.8	- 8,965.7

Source: Ministry of Industry and Trade, *Ontario Exports and Imports*.

Table 13.3 Balance of Automotive Trade With the United States, Ontario Compared to Canada, 1982

	Exports		Imports		Balance of Trade	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions	
Motor Vehicles	10,103	90.3	3,224	84.1	6,879	93.6
Auto Parts	4,445	96.1	8,511	93.1	- 4,066	90.0
Total Automobile Trade	14,548	92.0	11,735	90.4	2,813	99.3

Source: Ministry of Industry and Trade, *Ontario Exports and Imports*.

Table 13.4 Merchandise Exports by Commodity Section, Ontario Compared to Canada, 1976 to 1982

Year	Live Animals		Food, Feed, Beverages, Tobacco		Crude Materials Inedible	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions	
1982	105	32.2	1,388	13.9	1,221	8.3
1981	85	36.9	1,449	15.6	1,325	8.7
1980	92	36.2	1,264	15.8	1,525	10.3
1979	102	41.6	1,022	16.8	1,380	11.0
1978	65	30.6	829	16.2	1,034	11.7
1977	35	23.3	723	16.3	1,038	11.7
1976	42	31.2	635	15.3	952	11.5

Table 13.4 (cont'd.)

Year	Fabricated Materials Inedible		End Products Inedible		Special Transactions Trade		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions		$ millions	
1982	10,380	36.8	23,656	76.7	93	33.5	36,842	43.6
1981	11,217	36.3	19,865	72.7	102	14.8	34,042	40.7
1980	9,738	33.0	16,795	72.6	78	33.0	29,494	38.8
1979	7,585	30.9	16,675	76.1	77	42.6	26,841	41.0
1978	5,968	31.4	15,387	79.7	60	47.8	23,343	44.3
1977	4,519	30.0	12,745	81.6	38	50.8	19,099	43.2
1976	3,589	29.2	10,377	79.5	65	45.4	15,660	41.1

Source: Ministry of Industry and Trade, *Ontario Exports and Imports*.

Note: For definition of merchandise exports, see note, Table 13.1.

Table 13.5 Ten Leading Exports by Rank, Ontario, 1982

	Value	% of Total Exports
	$ millions	
1. Motor Vehicles	10,470	28.4
2. Auto Parts & Accessories	5,186	14.1
3. Precious Metals & Alloys	1,450	3.9
4. Steel & Steel Products	1,323	3.6
5. Chemicals	1,156	3.1
6. Communications & Related Equipment	992	2.7
7. Food Products	879	2.4
8. Office Machines & Equipment	828	2.2
9. Aircraft & Parts	819	2.2
10. Newsprint Paper	758	2.1

Source: Ministry of Industry and Trade, *Ontario Exports and Imports*.

Table 13.6 Exports by Major Markets, Ontario, 1982

	Value	% of Total Exports
	$ millions	
Western Europe	2,261.9	6.1
United Kingdom	740.3	2.0
West Germany	323.5	0.9
France	133.8	0.4
Netherlands	292.5	0.8
Belgium-Luxembourg	183.7	0.5
Italy	102.4	0.3
Switzerland	86.4	0.2
Sweden	79.5	0.2
Others	319.8	0.8
Eastern Europe	156.1	0.4
USSR	114.6	0.3
Others	41.5	0.1
Middle East	966.6	2.6
Saudi Arabia	284.7	0.8
Egypt	214.8	0.6
Iran	132.0	0.4
Others	335.0	0.9
Africa	288.1	0.8
South Africa	109.8	0.3
Others	178.4	0.5
Asia	890.7	2.4
Japan	243.0	0.7
South Korea	108.5	0.3
Hong Kong	86.0	0.2
Republic of China	80.5	0.2
Others	372.7	1.0
Oceania	355.9	1.0
Australia	262.5	0.7
New Zealand	70.1	0.2
Others	23.3	0.1
South America	828.8	2.3
Venezuela	509.7	1.4
Columbia	126.9	0.3
Others	192.2	0.5
Central America	578.4	1.6
Mexico	213.7	0.6
Trinidad & Tobago	82.4	0.2
Others	282.3	0.8
North America	30,115.1	81.7
United States	30,110.8	81.7
Others	4.3	—
Undesignated Countries	400.1	1.1
Total	36,841.7	100.0

Source: Ministry of Industry and Trade, *Ontario Exports and Imports, 1982*.

Table 13.7 Merchandise Imports by Commodity Section, Ontario Compared to Canada, 1976 to 1982

Year	Live Animals		Food, Feed, Beverages, Tobacco		Crude Materials Inedible	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions	
1982	99	69.7	1,895	39.5	3,322	38.2
1981	155	77.0	1,957	39.3	3,689	30.4
1980	73	64.4	1,832	39.3	3,946	35.0
1979	45	60.3	1,590	38.2	2,795	35.4
1978	51	63.4	1,351	36.5	1,868	31.7
1977	30	57.3	1,283	39.4	1,496	28.3
1976	78	71.5	1,012	36.6	1,052	20.7

Table 13.7 (cont'd.)

Year	Fabricated Materials Inedible		End Products Inedible		Special Transactions Trade		Total	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions		$ millions	
1982	6,734	57.1	26,541	64.4	480	47.4	39,071	57.8
1981	8,336	57.3	28,343	61.5	480	51.6	42,960	54.5
1980	7,277	57.4	24,225	61.4	384	49.7	37,737	54.7
1979	6,921	57.4	24,170	63.7	285	50.2	35,806	57.1
1978	4,787	54.6	20,156	65.3	200	51.4	28,413	57.2
1977	3,654	52.1	17,405	66.8	216	51.3	24,084	57.3
1976	3,261	52.4	14,690	64.6	252	50.0	20,344	54.3

Source: Ministry of Industry and Trade, *Ontario Exports and Imports.*

Note: For definition of merchandise imports, see note, Table 13.1.

Table 13.8 Ten Leading Imports by Rank, Ontario, 1982

	Value	% of Total Imports
	$ millions	
1. Auto Parts & Accessories	8,723	22.3
2. Motor Vehicles	3,281	8.4
3. Industrial Machinery & Equipment	2,744	7.0
4. Office Machines & Equipment	2,222	5.7
5. Communication & Related Equipment	1,602	4.1
6. Food Products	1,520	3.9
7. Chemical Products	1,399	3.6
8. Crude Petroleum	942	2.4
9. Coal	899	2.3
10. Metals in Ores, Concentrates & Scrap	888	2.3

Source: Ministry of Industry and Trade, *Ontario Exports and Imports.*

Table 13.9 Imports by Major Suppliers, Ontario, 1982

	Value	% of Total Imports
	$ millions	
Western Europe	2,676.3	6.8
United Kingdom	763.0	2.0
West Germany	535.1	1.4
Italy	309.6	0.8
Switzerland	196.0	0.5
France	176.5	0.5
Netherlands	131.4	0.3
Belgium-Luxembourg	129.4	0.3
Sweden	116.7	0.3
Ireland	93.4	0.2
Others	225.2	0.6
Eastern Europe	89.4	0.2
Czechoslovakia	30.4	0.1
Others	59.0	0.2
Middle East	38.2	0.1
Africa	126.8	0.3
South Africa	102.6	0.3
Others	24.2	0.1
Asia	2,109.2	5.4
Japan	999.9	2.6
Hong Kong	338.7	0.9
Taiwan	296.6	0.8
South Korea	215.6	0.6
Others	258.4	0.7
Oceania	189.4	0.5
Australia	156.1	0.4
Others	33.3	0.1
South America	308.2	0.8
Brazil	168.9	0.4
Others	139.3	0.4
Central America	353.7	0.9
Mexico	150.2	0.4
Others	203.5	0.5
North America	33,165.4	84.9
United States	33,164.5	84.9
Others	.9	--
Undesignated Countries	14.5	—
Total	39,071.0	100.0

Source: Ministry of Industry and Trade, *Ontario Exports and Imports*.

Table 13.10 Origin of Goods of Wholesale Merchant Establishments, Ontario, 1979

	Value	% of Total Shipments
	$ millions	
Ontario	16,033.4	63.4
Atlantic	100.2	0.4
Quebec	1,637.3	6.5
West	1,401.1	5.5
Other	6,107.2	24.2
Total	25,279.3	100.0

Source: Statistics Canada, *Origin and Destination of Goods of Merchandising Establishments, 1979*, (63-540).

Notes: 1. Origin of goods refers to the physical location of goods immediately prior to shipment to the wholesale establishment.
2. Other refers to other countries.

Table 13.11 Destination of Shipments by Wholesale Merchant Establishments, Ontario, 1979

	Value	% of Total Shipments
	$ millions	
Ontario	24,118.3	77.7
Atlantic	599.3	1.9
Quebec	2,334.9	7.5
West	2,076.9	6.7
Other	1,911.6	6.2
Total	31,041.0	100.0

Source: Statistics Canada, *Origin and Destination of goods of Merchandising Establishments, 1979*, (63-540).

Note: Other refers to other countries.

Table 13.12 Destination of Shipments of Manufacturers, Ontario, Selected Years, 1967 to 1979

Year	Ontario	Atlantic	Quebec	West	Other	Total
			$ millions			
1979	37,542.2	2,151.4	8,018.6	7,449.9	21,058.2	76,220.2
1974	20,845.8	1,193.1	4,652.1	3,706.4	11,007.0	41,404.4
1967	11,579.3	668.5	2,644.9	2,234.4	2,901.7	20,028.7

Source: Statistics Canada, *Destination of Shipments of Manufacturers*, (31-530).

Note: Other consists of outside Canada, unallocated destination, custom and repair work.

Chapter 14
Energy

Energy

Approximately one-quarter of total energy used in Ontario comes from Provincial resources, mainly electricity generated from water power and uranium. Ontario produces little oil and natural gas, and no coal. Most crude oil and natural gas is received via pipelines from western Canada, while coal largely comes from mines in the eastern United States and western Canada.

Both the federal and provincial governments are involved in the promotion of conservation and the encouragement of research and development, including renewable energy sources. Ontario government policies stress increased energy efficiency, reduced dependence on oil and promotion of energy production from indigenous sources. The Ontario Energy Corporation (OEC) was established in 1974 to invest in Canadian energy projects, with the aim of increasing the Province's energy security. The federal government, in accordance with its National Energy Program and the Canada/Alberta Agreement, determines the domestic price of crude oil. It also provides incentives to companies engaged in energy exploration.

Ontario Hydro, established as a public utility by the Government of Ontario, is the main supplier of electricity. Using nuclear, coal-fired and hydraulic generating stations, it supplies electric power in bulk to municipal electric power commissions, and directly to certain large industrial firms and rural customers in areas not served by local utilities.

Energy statistics in this chapter cover production, inter-regional transfers, exports, imports and consumption by type of fuel. Primary energy is defined as the energy content of the raw materials from which consumer forms of energy are made. Examples of primary energy sources are crude oil, coal and uranium. Secondary energy is energy used by the energy consuming sectors, such as electricity, steam, coke, gasoline and heating oil. Some information on energy prices is covered in Chapter 11, Prices.

Sources of Data

The main sources of data are:

- surveys of major energy suppliers conducted by Statistics Canada;
- Census of Manufactures;
- administrative records of Ontario Hydro.

Statistics Canada conducts monthly and quarterly surveys of energy supply companies. The universes for these surveys are formed by a very limited number of very large respondents and, therefore, the surveys represent almost total coverage with estimates used in a few areas.

The data are published in *Quarterly Report on Energy Supply – Demand in Canada, (57-003)*, and in a number of industry specific monthly and annual reports. Utilities and pipeline transport are covered in Statistics Canada's series 55 to 57, while refined petroleum and coal products appear monthly in *Coal and Coke Statistics, (45-002), Refined Petroleum Products, (45-004)*, and annually in *Refined Petroleum and Coal Products, (45-209)*.

The Census of Manufactures, conducted annually by Statistics Canada, collects data on fuel consumption by manufacturing industries. For further information on the Census of Manufactures, see Chapter 20, Manufacturing.

Aggregate Statistics Canada data are available on CANSIM. For additional information, contact the Manufacturing and Primary Industry Division of Statistics Canada, telephone Ottawa, 990-9823.

Ontario Hydro publishes *Statistical Year Book* which provides a wide variety of data on its operations.

The Ontario Ministry of Energy produces a comprehensive report entitled *Ontario Energy Review*. Issued on an occasional basis, it provides statistical data and background analysis of developments in Ontario in relation to the national and international energy scene. Further information can be obtained from the Strategic Planning and Analysis Group of the Ministry of Energy, telephone Toronto, 965-0634.

Energy

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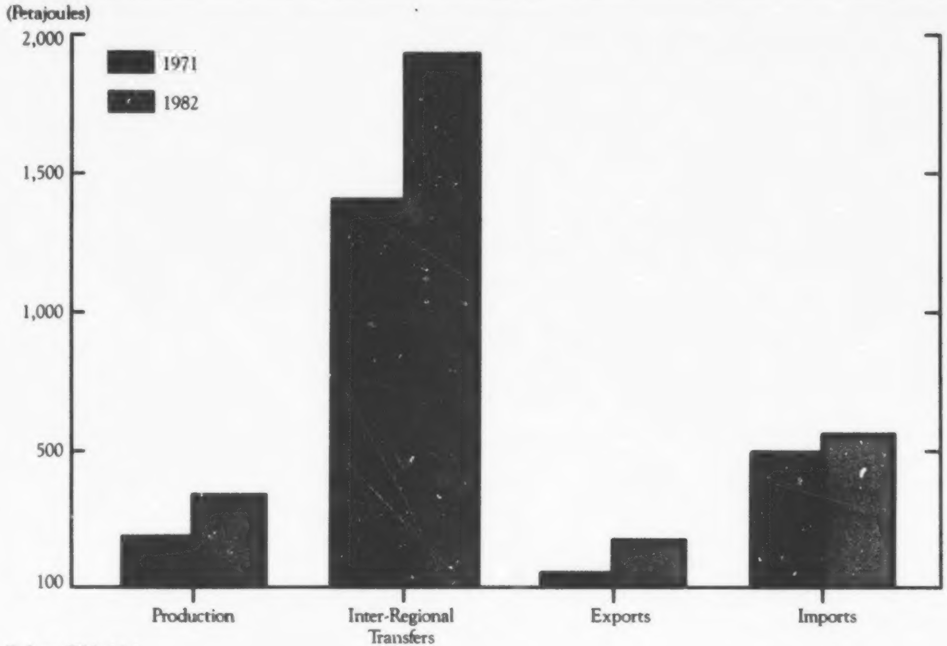
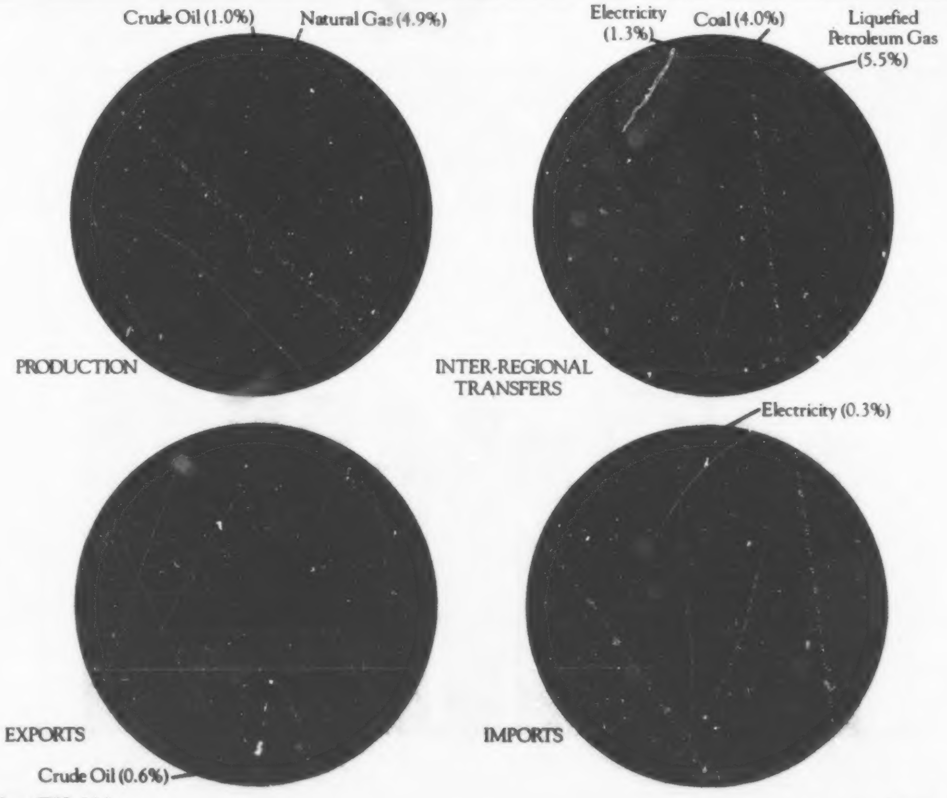
Chart 14.1 Primary Fuel and Electricity, Ontario, 1971 and 1982



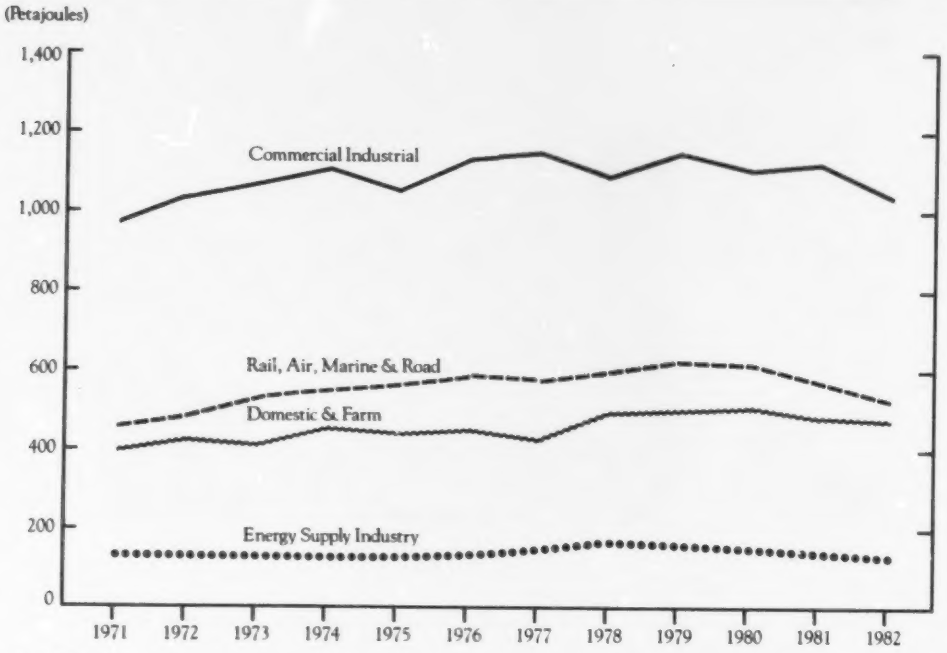
Refer to Table 14.1

Chart 14.2 Primary Fuel and Electricity, Ontario, 1982



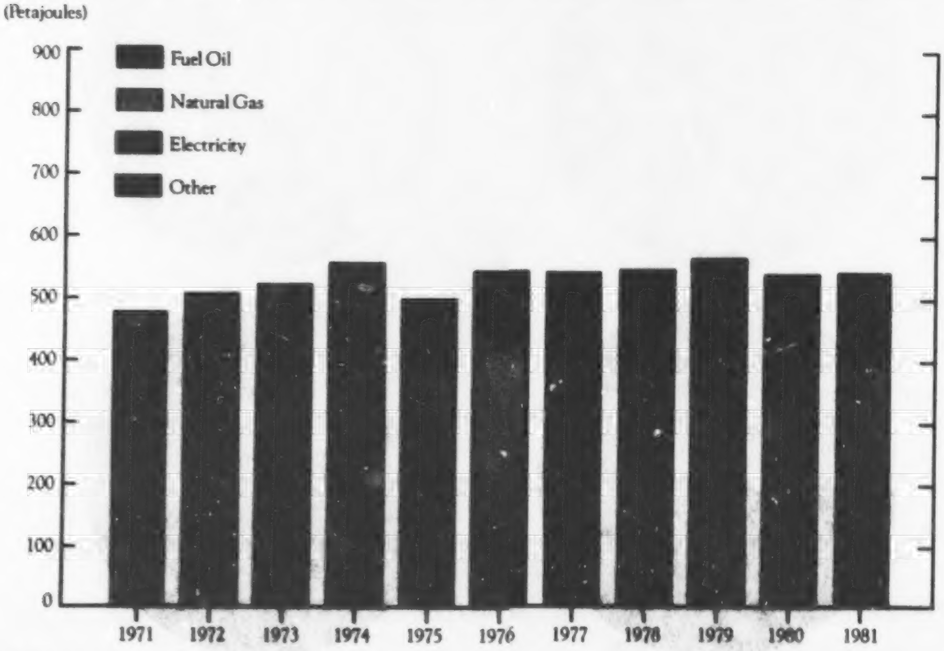
Refer to Table 14.1

Chart 14.3 Energy Consumption by Sector, Ontario, 1971 to 1982



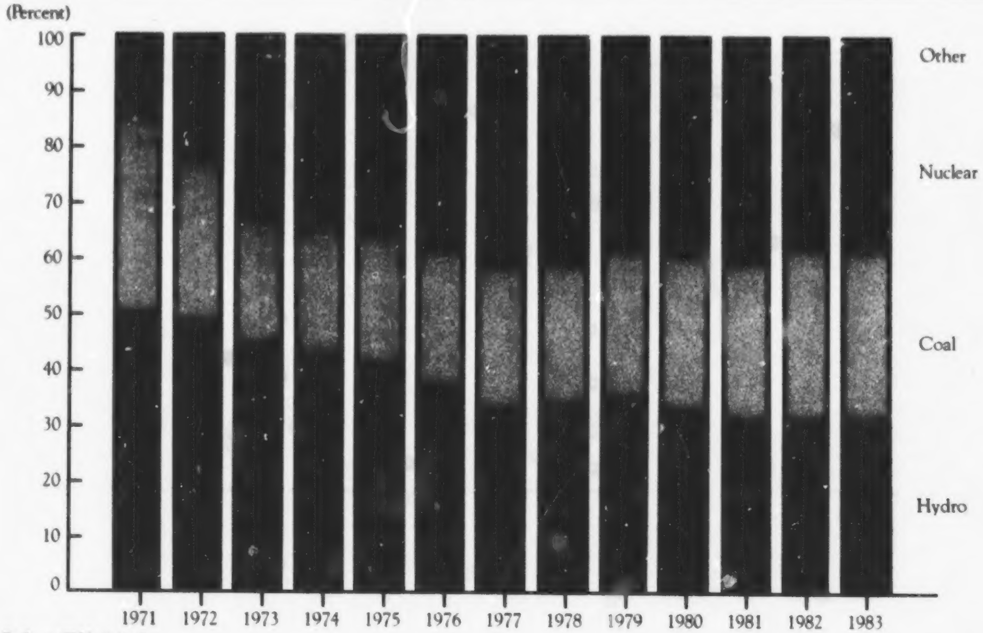
Refer to Table 14.6

Chart 14.4 Energy Consumption in Manufacturing, Ontario, 1971 to 1981



Refer to Table 14.7

Chart 14.5 Supply of Electricity by Energy Source, Ontario Hydro, 1971 to 1983



Refer to Table 14.11

Table 14.1 Primary Fuel and Electricity, Ontario, 1971 to 1982

	Production						
Year	Coal	Liquefied Petroleum Gas	Crude Oil	Natural Gas	Electricity	Steam	Total
				terajoules			
1982	–	–	3,296	16,145	264,638	43,864	327,943
1981	–	1	3,466	15,546	273,967	30,327	323,307
1980	–	–	3,597	13,518	273,527	20,486	311,127
1979	–	–	3,547	10,858	271,796	24,448	310,650
1978	–	–	3,629	11,586	246,863	–	262,078
1977	–	427	3,776	8,992	220,752	–	233,946
1976	–	361	3,801	5,230	197,215	–	206,606
1975	–	–	4,308	11,532	180,843	–	196,684
1974	–	–	4,492	7,949	199,127	–	211,567
1973	–	–	4,945	10,048	198,146	–	213,140
1972	–	–	5,373	12,972	170,491	–	188,835
1971	–	–	5,864	17,148	151,141	–	174,153

Table 14.1 (cont'd.)

	Inter-Regional Transfers						
Year	Coal	Liquefied Petroleum Gas	Crude Oil	Natural Gas	Electricity	Steam	Total
				terajoules			
1982	76,358	105,646	967,979	732,315	24,390	–	1,906,687
1981	67,879	106,587	1,147,162	749,425	27,359	–	2,098,412
1980	68,138	106,495	1,210,938	696,346	26,127	–	2,108,044
1979	79,155	88,075	1,242,180	717,693	25,213	–	2,152,315
1978	47,280	90,786	1,060,797	726,786	33,968	–	1,959,618
1977	20,017	108,215	1,003,271	762,766	40,265	–	1,934,534
1976	14,491	83,046	1,000,321	746,498	46,318	–	1,890,674
1975	25,155	27,186	984,207	724,990	45,922	–	1,807,459
1974	6,736	24,849	1,008,337	722,375	43,894	–	1,806,192
1973	946	21,983	906,870	685,801	37,108	–	1,652,707
1972	1,763	19,715	835,980	604,473	30,181	–	1,492,111
1971	8,130	12,114	823,253	519,751	20,949	–	1,384,196

Table 14.1 (cont'd.)

	Exports						
Year	Coal	Liquefied Petroleum Gas	Crude Oil	Natural Gas	Electricity	Steam	Total
				terajoules			
1982	–	82,265	924	41,036	40,205	–	164,430
1981	–	72,241	5,518	45,074	40,717	–	163,551
1980	–	87,619	13,063	21,063	40,747	–	163,335
1979	–	70,096	18,084	18,472	43,896	–	150,547
1978	–	71,691	5,184	13,289	39,085	–	129,249
1977	–	88,678	–	15,622	34,717	–	139,017
1976	–	59,683	–	13,579	22,372	–	95,634
1975	–	–	–	12,983	17,410	–	30,393
1974	–	–	–	13,866	28,327	–	42,193
1973	193	85	–	13,918	27,512	–	41,708
1972	–	–	–	18,709	21,861	–	40,570
1971	–	–	–	33,986	14,610	–	48,596

Table 14.1 (cont'd.)

	Imports						
Year	Coal	Liquefied Petroleum Gas	Crude Oil	Natural Gas	Electricity	Steam	Total
				terajoules			
1982	456,642	–	89,580	–	1,456	–	547,677
1981	433,151	–	94,354	–	1,233	–	528,758
1980	450,783	–	126,033	–	895	–	577,711
1979	508,714	–	111,831	–	1,511	–	622,056
1978	413,060	–	146,350	–	2,723	–	562,133
1977	450,089	–	116,683	–	4,198	–	570,970
1976	421,926	–	14,253	4,225	7,445	–	447,849
1975	451,779	–	1,823	10,708	9,771	–	474,081
1974	349,942	–	417	14,107	6,588	–	371,054
1973	428,486	–	2,998	15,541	5,735	–	452,760
1972	480,090	–	2,598	16,417	6,288	–	505,393
1971	453,076	–	2,500	15,013	9,193	–	479,783

Source: Statistics Canada, *Detailed Energy Supply and Demand*, (57-207, 57-003).

Notes:
1. Electricity includes hydro and nuclear energy.
2. Inter-Regional Transfers refers to net transfers (receipts) into Ontario from other provinces.
3. Exports and Imports cover trade between Ontario and areas outside of Canada.

Table 14.2 Secondary Energy: Petroleum Products, Ontario, 1971 to 1982

	Production							
	Gasoline		Light Distillates		Fuel Oil			
Year	Motor	Aviation	Kerosene	Aviation Turbo Fuel	Diesel	Light	Heavy	Liquefied Petroleum & Still Gas, Petro Coke
				terajoules				
1982	368,058	373	25,515	39,753	94,939	129,899	153,376	90,183
1981	388,665	440	31,631	42,857	103,366	155,751	201,937	96,912
1980	415,390	525	46,846	48,024	115,987	163,980	233,335	95,045
1979	398,266	425	48,579	46,030	115,559	182,193	252,873	92,609
1978	372,868	390	43,255	40,221	101,581	149,466	233,178	85,807
1977	368,668	385	48,664	39,452	84,072	177,371	196,023	67,079
1976	377,237	451	52,440	36,261	73,775	158,518	158,529	55,817
1975	386,082	678	49,695	36,105	75,365	142,753	154,326	44,415
1974	372,932	655	44,131	34,077	82,075	146,859	160,195	39,125
1973	336,119	312	36,224	28,272	74,355	156,206	131,880	36,624
1972	317,387	122	28,320	20,994	70,949	151,384	124,471	28,719
1971	296,117	180	28,764	22,839	70,403	166,548	133,240	31,078

Table 14.2 (cont'd.)

	Inter-Regional Transfers							
	Gasoline		Light Distillates		Fuel Oil			
Year	Motor	Aviation	Kerosene	Aviation Turbo Fuel	Diesel	Light	Heavy	Liquefied Petroleum & Still Gas, Petro Coke
				terajoules				
1982	31,475	973	- 276	2,992	5,834	250	- 2,064	485
1981	26,861	1,285	912	4,565	1,027	744	6,748	1,385
1980	21,248	1,221	1,648	4,929	5,259	3,627	7,474	98
1979	26,240	1,364	1,710	4,277	8,811	- 299	11,337	- 857
1978	45,143	1,375	4,175	2,031	12,052	21,335	55,906	- 426
1977	44,983	1,249	5,182	3,594	13,187	31,293	74,457	- 39
1976	43,634	1,429	6,051	4,047	9,614	24,990	74,393	162
1975	60,232	1,013	7,010	4,606	10,299	35,681	56,010	- 101
1974	44,653	1,016	5,332	5,466	8,198	32,054	60,036	- 325
1973	47,343	1,370	6,955	5,572	10,142	40,728	83,826	- 1,100
1972	52,098	1,426	7,428	5,729	10,462	48,929	79,181	- 776
1971	48,076	1,072	6,609	3,422	11,776	54,500	73,511	- 449

Table 14.2 (cont'd.)

	Exports							
	Gasoline		Light Distillates		Fuel Oil			
Year	Motor	Aviation	Kerosene	Aviation Turbo Fuel	Diesel	Light	Heavy	Liquefied Petroleum & Still Gas, Petro Coke
				terajoules				
1982	6,246	-	140	-	346.	5,005	60,265	10,732
1981	33	-	-	-	- 1	1,317	73,632	15,573
1980	25	-	-	-	-	1,020	75,675	9,315
1979	90	-	-	-	75	170	78,465	1,709
1978	37	-	-	1,698	-	4,635	86,760	1,560
1977	970	-	-	-	-	3,211	39,399	280
1976	4,433	-	326	-	-	1,095	42,317	48
1975	5,589	-	147	-	-	6,270	50,451	-
1974	23	-	91	-	55	2,267	34,414	-
1973	1,850	-	5	-	183	4,980	17,647	1,134
1972	332	-	21	-	-	3,872	12,931	178
1971	919	-	326	-	14	5,529	2,526	460

Table 14.2 (cont'd.)

	Imports							
	Gasoline		Light Distillates		Fuel Oil			Liquefied Petroleum & Still Gas, Petro Coke
Year	Motor	Aviation	Kerosene	Aviation Turbo Fuel	Diesel	Light	Heavy	
	terajoules							
1982	539	–	–	–	–	669	–	2,462
1981	998	–	–	–	–	1,317	–	9,879
1980	20	–	–	–	–	504	–	9,882
1979	–	–	–	–	–	170	–	8,645
1978	–	–	3	–	1	1,860	1,328	3,232
1977	–	–	2	–	–	3,295	1,452	3,645
1976	–	–	12	–	–	500	233	4,849
1975	–	–	5	117	3	620	1,745	2,854
1974	–	–	125	56	–	1,550	7,227	2,521
1973	2	–	7	–	–	2,168	14,449	2,743
1972	5	–	49	2,320	–	9,701	13,811	1,553
1971	2	–	839	1,175	–	5,752	7,932	1,398

Source: Statistics Canada, *Detailed Energy Supply and Demand*, (57-207, 57-003).

Table 14.3 Secondary Energy: Coal Products, Ontario, 1971 to 1982

	Coke				Coke Oven Gas Production
Year	Production	Inter-Regional Transfers	Exports	Imports	
	terajoules				
1982	110,696	-405	84	2,861	36,235
1981	119,912	-725	69	3,142	38,986
1980	135,076	-2,615	471	2,385	44,154
1979	147,671	-1,739	1,944	2,800	48,085
1978	130,601	–	192	5,961	43,112
1977	128,138	-638	293	5,933	41,517
1976	136,985	439	603	4,375	45,565
1975	130,645	4,240	1,127	11,406	43,099
1974	132,818	4,616	326	6,155	43,755
1973	132,899	537	185	4,461	44,701
1972	117,835	1,973	2,612	5,987	38,266
1971	112,158	516	3,657	7,295	36,672

Source: Statistics Canada, *Detailed Energy Supply and Demand*, (57-207, 57-003).

Table 14.4 Secondary Energy: Electricity, Ontario, 1971 to 1982

	Energy Generated From				
Year	Coal	Fuel Oils	Natural Gas	Other	Total
			terajoules		
1982	123,386	1,386	7,502	551	132,825
1981	114,595	2,095	8,528	688	125,911
1980	110,495	1,177	10,163	1,004	122,838
1979	102,330	4,122	13,932	756	121,140
1978	97,200	7,178	15,797	778	120,956
1977	94,392	6,619	22,613	637	124,260
1976	82,871	10,786	23,273	416	117,347
1975	73,572	2,515	25,414	336	101,837
1974	72,640	1,119	24,098	403	98,259
1973	69,079	1,306	19,070	346	89,801
1972	81,553	1,454	16,220	265	99,492
1971	88,367	2,078	5,077	325	95,848

Source: Statistics Canada, *Detailed Energy Supply and Demand*, (57-207, 57-003).

Note: Other includes petro coke, manufactured gases, wood and pulping liquor.

Table 14.5 Energy Consumption, Ontario, 1971 to 1982

		Petroleum Products					
Year	Coal & Coal Products	Gasolines	Fuel Oils & Diesel	Light Distillates	Other	Natural Gas	Electricity
			terajoules				
1982	165,714	416,745	346,388	51,253	270,609	678,701	383,106
1981	180,188	449,043	427,586	58,792	285,988	709,232	387,752
1980	196,363	469,116	469,605	61,773	270,046	714,100	382,640
1979	199,280	461,935	498,556	59,091	307,673	694,317	375,765
1978	188,272	453,393	507,547	52,896	254,969	686,634	365,368
1977	186,142	450,453	519,911	52,928	95,458	662,459	354,759
1976	193,930	445,861	502,302	55,162	83,974	689,530	345,953
1975	194,302	431,658	478,836	55,307	66,979	617,741	320,964
1974	202,135	421,408	538,923	55,265	60,117	636,228	319,541
1973	216,951	411,052	515,499	51,507	49,732	581,944	303,279
1972	194,974	383,511	536,506	48,203	45,010	567,596	284,589
1971	192,250	356,623	528,153	48,300	39,495	507,539	262,520

Source: Statistics Canada, *Detailed Energy Supply and Demand*, (57-207, 57-003).

Note: Other includes petroleum coke and steam.

Table 14.6 Energy Consumption by Sector, Ontario, 1971 to 1982

Year	Energy Supply Industry	Transportation					
		Rail	Air	Marine	Pipe-lines	Road	Total
				terajoules			
1982	126,717	25,743	38,639	16,616	24,659	433,695	539,352
1981	132,003	27,353	42,044	22,444	24,745	470,622	587,208
1980	148,457	25,960	46,161	27,764	20,008	506,677	626,570
1979	147,008	26,664	44,628	36,368	20,028	502,950	630,637
1978	163,493	24,722	36,882	30,458	1,179	488,984	582,225
1977	136,364	25,143	42,008	25,823	–	498,977	591,952
1976	126,110	24,503	42,176	23,207	–	487,212	577,099
1975	116,511	26,091	42,287	24,483	–	454,750	547,611
1974	117,819	27,738	40,901	26,720	–	446,434	541,794
1973	118,949	24,805	34,490	26,937	–	430,951	517,183
1972	120,508	22,711	29,544	19,828	–	397,541	469,624
1971	120,428	24,041	28,132	20,858	–	373,138	446,169

Table 14.6 (cont'd.)

Year	Domestic & Farm	Commercial & Industrial	Other	Total
		terajoules		
1982	462,409	1,026,029	156,927	2,311,434
1981	468,938	1,108,908	201,523	2,498,579
1980	497,446	1,091,606	199,562	2,563,641
1979	482,744	1,138,303	197,922	2,596,614
1978	483,790	1,072,100	207,470	2,509,078
1977	414,544	1,136,103	43,147	2,322,110
1976	440,902	1,120,816	51,784	2,316,711
1975	425,768	1,042,552	33,345	2,165,787
1974	447,213	1,097,696	29,096	2,233,618
1973	403,518	1,052,117	38,196	2,129,963
1972	418,813	1,035,183	16,262	2,060,390
1971	386,708	956,272	25,307	1,934,882

Source: Statistics Canada, *Detailed Energy Supply and Demand*, (57-207, 57-003).

Notes:
1. The Transportation Total excludes naval use.
2. The terms Commercial & Industrial as used in this table are based largely on tariffs and cannot therefore be related to Standard Industrial Classification codes.
3. Commercial & Industrial includes public administration (including street lighting) and other Commercial & Industrial users from 1978 on.
4. Other is Net Energy Supply less Producer Consumption and Energy Use (Final Demand).
5. Data from 1978 on are based on a quarterly survey published in Statistics Canada's catalogue no. 57-003. Prior to 1978, the data were derived from an annual survey.

Table 14.7 Energy Consumption in Manufacturing, Ontario, 1971 to 1981

Year	Establishments	Coal	Gasoline	Fuel Oil	Natural Gas	Electricity	Liquefied Petroleum Gas	Total
	#				terajoules			
1981	14,553	17,945	7,337	73,380	317,281	114,139	1,742	531,824
1980	14,454	15,921	8,606	80,673	308,633	113,787	2,365	529,985
1979	14,104	21,676	8,714	91,566	317,479	113,111	4,152	556,698
1978	13,079	19,232	9,030	102,162	299,395	106,770	2,803	539,392
1977	11,414	18,218	8,791	111,367	291,955	97,789	8,137	536,257
1976	11,879	14,985	8,923	108,909	308,176	93,960	1,544	536,497
1975	12,245	13,953	8,934	98,627	281,612	86,459	1,597	491,182
1974	12,661	24,912	10,195	123,558	294,022	95,832	2,043	550,562
1973	12,397	24,700	9,826	117,522	266,049	93,011	1,560	512,668
1972	12,589	32,197	9,996	123,820	239,867	88,242	3,261	497,383
1971	12,741	42,984	10,206	114,744	213,988	85,068	1,910	468,900

Source: Statistics Canada, Manufacturing and Primary Industries Division.
Ministry of Treasury and Economics, Statistical Services Branch.

Notes: 1. Fuel Oil includes diesel, oil, kerosene, heavy fuel oil, and light fuel oil.
2. Total excludes other fuels.

Table 14.8 Energy Consumption in Manufacturing by Industry, Ontario, 1981

	Establishments	Coal	Gasoline	Fuel Oil	Natural Gas	Electricity	Liquefied Petroleum Gas	Total
	#				terajoules			
Non-Durables								
Food & Beverage	1,472	28	2,051	5,729	29,072	6,427	182	43,489
Tobacco Products	11	–	41	126	384	247	10	808
Rubber & Plastic Products	535	–	299	1,141	7,133	3,566	51	12,190
Leather	169	–	22	129	1,031	296	5	1,483
Textile	393	–	83	2,793	8,093	3,213	29	14,211
Knitting Mills	90	–	6	127	820	220	–	1,173
Clothing	451	–	32	96	392	254	1	775
Paper & Allied Industries	342	5,664	283	7,021	50,276	19,696	193	83,133
Printing, Publishing & Allied Industries	1,947	–	429	165	1,730	1,228	12	3,564
Petroleum & Coal Products	37	–	41	175	19,779	4,970	2	24,967
Chemical & Chemical Products	619	968	455	19,113	56,520	16,048	243	93,347
Miscellaneous Manufacturing	1,319	–	226	569	3,202	1,269	37	5,303
Total	7,385	6,660	3,968	37,184	178,432	57,434	765	284,443
Durables								
Wood	774	–	466	1,470	3,870	1,878	132	7,816
Furniture & Fixture	958	11	134	309	1,855	632	19	2,960
Primary Metal	231	151	326	23,453	60,404	27,708	164	112,206
Metal Fabricating	2,624	1	718	1,131	13,448	4,021	197	19,516
Machinery	837	15	319	713	5,781	2,279	93	9,200
Transportation Equipment	531	1,389	848	2,835	17,007	8,416	209	30,704
Electrical Products	639	12	242	544	8,056	3,992	47	12,893
Non-Metallic Mineral Products	574	9,706	316	5,741	28,428	7,779	116	52,086
Total	7,168	11,285	3,369	36,196	138,849	56,705	977	247,381
Total	14,553	17,945	7,337	73,380	317,281	114,139	1,742	531,824

Source: Statistics Canada, Manufacturing and Primary Industries Division.
Ministry of Treasury and Economics, Statistical Services Branch.

Note: See notes, Table 14.7.

Table 14.9 Energy Sales and Revenue, Ontario Hydro, 1973 to 1982

Year	Primary Energy Sales				Secondary Energy Sales & Transfers	Losses & Unaccounted For
	Municipalities	Retail	Direct	Total		
			gigawatts			
1982	67,019	12,867	15,119	95,005	11,822	4,766
1981	66,416	12,783	17,077	96,276	11,831	5,298
1980	64,899	12,936	16,432	94,267	11,392	5,946
1979	63,349	13,011	15,757	92,117	12,502	6,022
1978	61,285	12,927	14,775	88,987	11,549	6,386
1977	58,348	13,021	15,187	86,556	10,540	6,298
1976	57,635	12,436	14,071	84,142	6,600	6,711
1975	54,523	11,049	12,588	78,160	4,924	6,057
1974	51,852	10,736	14,829	77,417	8,078	5,278
1973	49,340	9,880	14,075	73,295	7,745	4,868

Table 14.9 (cont'd.)

Year	Revenue				
	Municipalities	Retail	Direct	Primary Power & Energy	Secondary Power & Energy
			$ millions		
1982	1,998	576	395	2,969	419
1981	1,800	546	391	2,737	425
1980	1,603	514	342	2,458	361
1979	1,442	475	305	2,222	347
1978	1,275	442	262	1,849	289
1977	1,108	407	244	1,637	210
1976	838	312	170	1,320	90
1975	654	248	126	1,028	43
1974	551	219	126	896	102
1973	506	178	109	793	62

Source: Ontario Hydro, *Statistical Year Book*.

Notes:
1. Losses and Unaccounted For is total transmission losses.
2. Primary Power & Energy has been reduced by excess revenues of $122 million in 1977 and $130 million in 1978.
3. Secondary sales include export sales to other provinces and to the U.S.A.
4. Retail Sales refers to sales of less than 5,000 kw per customer, directly by Ontario Hydro in areas not served by municipal electric utilities.
5. Direct Sales refers to sales of more than 5,000 kw per customer, directly by Ontario Hydro in areas not serviced by municipal electric utilities.

Table 14.10 Average Net Revenue, Ontario Hydro, 1973 to 1982

Year	Residential	Farm	General
		cents per kwh	
1982	4.34	4.49	3.22
1981	3.96	4.11	2.98
1980	3.60	3.74	2.66
1979	3.22	3.42	2.35
1978	2.98	3.21	2.17
1977	2.80	3.02	2.08
1976	2.23	2.46	1.63
1975	1.94	2.24	1.39
1974	1.74	2.06	1.21
1973	1.63	1.87	1.13

Source: Ontario Hydro, *Statistical Year Book*.

Table 14.11 Supply of Electricity by Energy Source, Ontario Hydro, Selected Years, 1951 to 1983

Year	Hydro	Coal	Natural Gas	Oil	Nuclear	Receipts	Total
			percent				millions kwh
1983	31.04	30.39	-	-	32.44	6.13	117,971
1982	30.94	30.98	-	0.16	31.19	6.73	111,589
1981	31.17	28.53	-	0.10	32.73	7.47	112,722
1980	33.08	27.89	0.36	-	32.08	6.59	110,900
1979	35.32	26.00	1.35	0.82	29.44	7.07	109,788
1978	33.88	25.60	1.96	1.64	27.39	9.53	105,766
1977	33.09	25.95	4.00	1.54	24.15	11.27	101,381
1976	37.04	24.23	4.72	3.03	16.89	14.09	95,010
1975	40.75	23.62	6.20	0.66	13.11	15.66	86,194
1974	42.56	22.66	5.54	0.02	15.26	13.96	88,698
1973	44.16	22.82	4.36	0.04	16.27	12.35	83,506
1972	48.52	29.06	4.35	0.07	7.47	10.53	77,532
1971	49.78	34.95	1.14	0.16	4.16	9.81	69,998
1966	67.61	20.52	-	0.03	0.32	11.52	49,782
1961	80.04	1.34	-	0.01	-	18.61	38,212
1956	81.99	3.16	-	0.01	-	14.84	29,524
1951	74.01	0.55	-	-	-	25.44	18,811

Source: Ontario Hydro, Public Relations Division.

Notes: 1. Receipts consists of purchases of energy generated by other utilities in Ontario, and from other provinces and the U.S.A. Also includes Equichange power prior to 1964 and includes Douglas Point.

2. Oil includes combustion turbines.

Table 14.12 Customers, Ontario Hydro, Selected Years, 1961 to 1982

Year	Municipalities	Rural Areas	Direct	Total
		number		
1982	2,240,541	763,420	117	3,004,078
1981	2,208,820	758,295	116	2,967,231
1980	2,160,524	766,117	112	2,926,753
1979	2,106,705	770,937	111	2,877,753
1978	2,046,952	785,705	108	2,832,765
1977	1,979,494	795,162	113	2,774,769
1976	1,941,100	768,956	109	2,710,165
1975	1,899,392	747,609	107	2,647,108
1974	1,872,461	720,273	99	2,592,833
1973	1,841,958	694,852	98	2,536,908
1972	1,821,795	658,565	102	2,480,462
1971	1,789,599	644,747	100	2,434,446
1966	1,630,255	557,338	173	2,187,766
1961	1,423,427	515,257	213	1,938,897

Source: Ontario Hydro, *Statistical Year Book*.

Notes: 1. For the years 1961 and 1966, special customers below 5000 kw are included with Direct. After 1966, these customers are included in Rural Areas.

2. Direct includes utilities.

Table 14.13 Generation of Electricity, Ontario Compared to Canada, 1976 to 1982

	Electric Utilities					
	Hydro		Thermal		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	millions kwh		millions kwh		millions kwh	
1982	35,766	15.8	70,663	62.3	106,429	31.4
1981	36,427	15.7	70,073	64.6	106,500	31.3
1980	38,472	17.4	67,193	62.1	105,665	32.2
1979	40,411	18.8	64,198	63.1	104,610	33.0
1978	37,372	18.5	60,327	63.6	97,700	32.8
1977	34,832	18.3	56,760	62.9	91,592	32.7
1976	36,776	19.5	46,817	62.5	83,593	31.7

Table 14.13 (cont'd.)

	Industrial Establishments					
	Hydro		Thermal		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	millions kwh		millions kwh		millions kwh	
1982	1,714	5.9	2,150	27.1	3,864	10.4
1981	1,777	5.7	2,701	32.6	4,478	11.3
1980	1,835	6.0	2,783	35.1	4,619	11.9
1979	1,897	6.8	2,727	33.6	4,624	12.9
1978	1,843	5.8	2,691	37.2	4,534	11.7
1977	1,688	5.6	2,602	39.0	4,289	11.6
1976	1,601	6.7	2,224	35.2	3,825	12.6

Table 14.13 (cont'd.)

	Electric Utilities & Industrial Establishments					
	Hydro		Thermal		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	millions kwh		millions kwh		millions kwh	
1982	37,480	14.7	72,813	60.0	110,293	29.3
1981	38,204	14.5	72,774	62.3	110,978	29.2
1980	40,307	16.0	69,977	60.3	110,284	30.0
1979	42,308	17.4	66,926	60.9	109,234	30.9
1978	39,215	16.7	63,018	61.7	102,233	30.4
1977	36,520	16.6	59,361	61.2	95,881	30.2
1976	38,377	18.0	49,042	60.4	87,418	29.7

Source: Statistics Canada, *Electric Power Statistics, Volume II*, (57-202, 57-001).

Notes: 1. Electric Utilities includes both private and public companies.
2. Data on electricity generation are net of station service.
3. Thermal includes coal and nuclear generation.

Table 14.14 Installed Generating Capacity, Ontario Compared to Canada, 1975 to 1982

	Public Electric Utilities					
	Hydro		Thermal		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	megawatts		megawatts		megawatts	
1982	6,483	14.9	18,641	63.6	25,124	34.5
1981	6,483	15.1	18,350	65.0	24,833	34.9
1980	6,543	15.9	18,313	64.3	24,856	35.7
1979	6,483	17.3	18,313	65.5	24,797	37.9
1978	6,481	18.3	18,314	67.5	24,795	39.7
1977	6,482	22.6	16,514	66.1	22,996	42.8
1976	6,423	22.8	14,903	65.6	21,326	41.9
1975	6,387	25.3	13,581	66.4	19,968	43.7

Table 14.14 (cont'd.)

	Private Electric Utilities					
	Hydro		Thermal		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	megawatts		megawatts		megawatts	
1982	336	15.4	6	0.1	343	5.3
1981	281	14.1	6	0.1	288	4.6
1980	303	14.4	6	0.2	309	5.1
1979	303	14.4	6	0.2	309	5.5
1978	303	14.4	6	0.2	309	5.5
1977	303	4.0	6	0.2	309	2.9
1976	303	4.4	6	0.2	308	3.3
1975	303	4.0	6	0.3	308	3.2

Table 14.14 (cont'd.)

	Public & Private Electric Utilities					
	Hydro		Thermal		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	megawatts		megawatts		megawatts	
1982	6,819	14.9	18,647	55.5	25,466	32.1
1981	6,764	15.1	18,357	56.4	25,121	32.4
1980	6,846	15.8	18,320	56.5	25,166	33.2
1979	6,787	17.2	18,320	58.1	25,106	35.3
1978	6,784	18.1	18,320	59.7	25,104	36.8
1977	6,785	18.7	16,520	59.2	23,305	36.3
1976	6,726	19.2	14,909	59.1	21,635	35.9
1975	6,690	20.4	13,586	60.3	20,276	36.6

Table 14.14 (cont'd.)

	Industrial Establishments					
	Hydro		Thermal		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	megawatts		megawatts		megawatts	
1982	312	7.2	494	25.8	806	12.9
1981	308	6.9	323	17.7	631	10.0
1980	299	6.7	331	18.2	630	10.0
1979	299	6.7	313	18.7	612	10.0
1978	299	6.7	313	16.4	612	9.6
1977	299	6.6	307	16.5	606	9.5
1976	299	6.7	307	18.3	606	9.8
1975	299	6.7	561	36.6	860	14.3

Table 14.14 (cont'd.)

	Electric Utilities & Industrial Establishments					
	Hydro		Thermal		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	megawatts		megawatts		megawatts	
1982	7,131	14.3	19,141	53.9	26,272	30.7
1981	7,072	14.3	18,680	54.3	25,752	30.8
1980	7,145	15.0	18,651	54.5	25,796	31.5
1979	7,086	16.1	18,633	56.1	25,718	33.3
1978	7,083	16.9	18,634	57.1	25,716	34.5
1977	7,084	17.4	16,827	56.5	23,911	33.9
1976	7,025	17.8	15,216	56.5	22,240	33.5
1975	6,989	18.7	14,147	58.8	21,136	34.5

Source: Statistics Canada, *Electric Power Statistics, Volume III*, (57-206).

Notes: 1. Generating capacity figures are as of December 31 of each year.
2. See Table 14.13, note 3.

Table 14.15 Receipts and Disposition of Liquefied Petroleum Gases and Petroleum Products, Ontario, 1974 to 1982

	Net Receipts						
Year	Processing Plants	Refineries & Bulk Plants	Imports	Other	Total	Transfers From Outside Ontario	Total
				'000's cubic metres			
1982	3,208	14,831	1,285	297	19,622	4,847	24,469
1981	2,191	15,981	1,123	205	19,500	5,279	24,779
1980	1,458	16,239	1,323	-	19,019	5,586	24,606
1979	2,036	15,633	1,368	-	19,037	5,551	24,588
1978	3,220	11,976	1,138	152	16,487	6,529	23,016
1977	3,253	12,575	769	-	16,598	7,847	24,445
1976	1,502	13,510	598	-	15,609	7,206	22,815
1975	1,419	12,327	455	-	14,201	5,994	20,195
1974	1,053	12,750	158	-	13,961	5,267	19,228

Table 14.15 (cont'd.)

	Net Deliveries				
Year	Refineries	Bulk Plants & Terminals	Export	Other	Total
			'000's cubic metres		
1982	971	16,892	4,384	2,148	24,396
1981	927	18,347	3,752	1,875	24,901
1980	924	19,170	4,051	288	24,434
1979	864	20,240	2,994	156	24,254
1978	651	19,181	3,078	25	22,935
1977	819	20,615	2,796	128	24,358
1976	1,125	19,497	2,123	26	22,772
1975	727	17,968	1,445	-	20,140
1974	555	17,380	1,264	-	19,199

Table 14.15 (cont'd.)

Year	Transfers Out of Ontario	Line Losses & Unaccounted for	Inventory Changes	Total
		'000's cubic metres		
1982	-	- 140	213	24,469
1981	40	- 78	- 85	24,779
1980	5	- 11	178	24,606
1979	36	40	258	24,588
1978	9	2	70	23,016
1977	87	48	- 48	24,445
1976	-	6	37	22,815
1975	-	- 7	62	20,195
1974	-	- 3	32	19,228

Source: Statistics Canada, *Oil Pipeline Transport, (55-201).*

Notes: 1. In the years 1974 to 1982 the item Net Deliveries for Export includes some U.S. liquefied petroleum gas re-exported to the United States. For 1982, these re-exports amounted to 930,208 cubic metres.

2. Other in Net Deliveries includes the further transportation of liquefied petroleum gas and petroleum products by rail, road, water or tanker for delivery where pipeline can not reach.

Table 14.16 Receipts and Disposition of Crude Oil, Condensate and Pentanes Plus, Ontario, 1974 to 1982

'000's cubic metres

Year	Net Receipts: Other Carriers	Net Receipts: Processing Plants	Net Receipts: Imports	Net Receipts: Other	Net Receipts: Total	Transfers From Outside Ontario	Total
1982	–	1,236	5,861	42	7,138	39,049	46,188
1981	12	1,098	7,083	–	8,192	41,646	49,838
1980	14	871	5,168	–	6,053	47,347	53,400
1979	10	956	5,027	69	6,062	47,842	53,904
1978	15	878	5,197	–	6,090	41,823	47,913
1977	17	1,353	3,358	–	4,728	39,497	44,225
1976	19	1,483	591	205	2,296	35,437	37,733
1975	22	1,626	122	102	1,872	30,680	32,552
1974	25	1,276	42	55	1,398	33,751	35,149

Table 14.16 (cont'd.)

'000's cubic metres

Year	Net Deliveries: Refineries	Net Deliveries: Processing Plants	Net Deliveries: Export	Net Deliveries: Other	Net Deliveries: Total
1982	27,472	1,169	2,525	20	31,186
1981	31,956	1,137	3,526	–	36,619
1980	34,257	906	339	–	35,502
1979	34,599	864	470	57	35,990
1978	31,184	854	185	40	32,262
1977	29,070	696	1,344	22	31,132
1976	26,361	435	2,851	198	29,845
1975	25,755	1,081	5,724	122	32,682
1974	27,544	849	6,837	54	35,284

Table 14.16 (cont'd.)

'000's cubic metres

Year	Transfers Out of Ontario	Line Losses & Unaccounted for	Inventory Changes	Total
1982	15,562	- 15	- 545	46,188
1981	13,492	13	- 286	49,838
1980	17,935	–	- 37	53,400
1979	17,888	- 3	29	53,904
1978	15,935	4	- 287	47,913
1977	13,487	-91	- 303	44,225
1976	7,225	–	664	37,733
1975	–	–	- 130	32,552
1974	–	–	- 135	35,149

Source: Statistics Canada, *Oil Pipeline Transport*, (55-201).

Notes:
1. The item Net Deliveries for Export includes some United States oil re-exported to that country for the years 1976 to 1978 and 1982. In 1982, these re-exports amounted to 2,521,000 cubic metres.
2. Condensate is a naturally occurring hydrocarbon which is gaseous in its virgin reservoir state, but is liquid at the conditions under which its volume is measured.
3. Pentanes plus is a liquid hydrocarbon produced from raw natural gas, condensate or crude oil.
4. Other in Net Deliveries includes the further transportation of crude oil by rail, road, water or tanker for delivery where oil pipelines can not reach.

Table 14.17 Receipts and Disposition of Natural Gas Utilities, Ontario, 1976 to 1982

Year	Net Receipts			Received From Storage	Transfers From Outside Ontario	Total
	Fields	Other	Total			
	millions cubic metres					
1982	434	234	667	3,488	22,992	27,147
1981	418	237	655	3,379	23,648	27,682
1980	363	212	575	4,315	21,937	26,827
1979	292	227	518	3,658	22,320	26,496
1978	311	165	476	3,469	22,362	26,307
1977	238	29	267	3,473	23,041	26,781
1976	139	120	258	3,340	22,480	26,078

Table 14.17 (cont'd.)

Year	Net Deliveries						
	Sales				Exports	Other Deliveries	Total
	Residential	Commercial	Industrial	Total			
	millions cubic metres						
1982	5,220	3,967	8,613	17,800	1,101	137	19,038
1981	4,087	4,850	9,553	18,490	1,211	164	19,864
1980	4,034	4,772	9,836	18,641	588	119	19,349
1979	3,958	4,533	10,419	18,910	496	1	19,407
1978	3,913	4,567	10,189	18,668	357	7	19,032
1977	3,730	4,276	10,812	18,818	420	36	19,273
1976	3,850	4,328	10,996	19,173	365	7	19,544

Table 14.17 (cont'd.)

Year	Transfers Out of Ontario	Delivered To Storage	Other	Total
	millions cubic metres			
1982	3,322	4,210	577	27,147
1981	3,519	3,577	722	27,682
1980	3,233	3,387	857	26,827
1979	3,048	3,483	559	26,496
1978	2,846	3,689	740	26,307
1977	2,558	4,221	729	26,781
1976	2,434	3,004	1,096	26,078

Source: Statistics Canada, *Gas Utilities (Transport and Distribution Systems)*, (57-205).

Note: Other includes line pack fluctuation, gas used in systems and line losses and unaccounted for.

Chapter 15
Business

Business

This chapter presents data on business in general terms rather than concentrating on specific industries. The information comes from a variety of sources and describes business organization and development, income and viability. The business universe can be conceptually linked to the business sector of the Provincial Accounts covered in Chapter 10, Economic Overview. Data on industrial research and development (R & D) expenditures have also been included here.

Sources of Data

The main sources of data are:

- administrative records of the Ontario Ministry of Consumer and Commercial Relations;
- corporate income tax returns submitted to Revenue Canada;
- administrative records of Consumer and Corporate Affairs Canada;
- surveys of industrial research and development expenditure conducted by Statistics Canada.

The Companies Branch of the Ministry of Consumer and Commercial Relations is responsible for the registration of sole proprietorships, partnerships, and business names of corporations, incorporation of Ontario limited companies and licensing of extra-provincial corporations which require a licence to operate in Ontario. Their administrative records yield statistics on aggregate formation of new corporations, amalgamations, extra-provincial corporate licences, dissolutions, cancellations, and active corporations. In this chapter, only the number of registrations is given for sole proprietorships and partnerships. Because these registrations need not be dissolved but can merely be allowed to lapse on expiry, there are problems in determining how many of the entities registered are actively in business.

The Statistics Canada publication, *Corporation Taxation Statistics, (61-208)*, provides data derived from corporation income tax returns submitted to Revenue Canada. Data on numbers of corporations and taxable income by province are based on the universe of all returns, while other data are compiled from a stratified sample. The data exclude corporations with less than $500 in sales, assets, equity, profits and taxable income. Also excluded are credit unions and insurance carriers. Taxable income is allocated by province as reported by the corporation in accordance with Federal Income Tax Regulations. For most corporations the allocation formula is based on the average of:

- the proportion of gross revenue reasonably attributable to permanent establishments in a given province, and;
- the proportion of aggregate salaries and wages paid to employees of permanent establishments in that province.

Because of the special nature of their operations across Canada, certain types of corporations, mainly in the finance and transportation industries, are subject to special formulae for provincial allocation of income. Corporations with losses or zero taxable income are excluded from the provincial allocation.

Revenue Canada issues a publication entitled *Taxation Statistics* which presents aggregate information compiled from income tax returns of individuals, providing data on the income of proprietors of unincorporated business. For a more complete discussion of this source, see Chapter 7, Personal Income, Expenditure and Saving.

There is relatively little information available on small business. Statistics Canada has compiled some data derived from a sample of taxation returns for both corporate and unincorporated business. Statistics for 1976 and 1978 were published by the Small Business Secretariat of the federal Department of Industry, Trade and Commerce, while data for 1980 have been published by Statistics Canada. The following exclusions to the small business data base should be noted:

- financial institutions such as banks and loan companies;
- insurance companies;
- investment and holding companies;
- tax-exempt corporations;
- self-employed business operators earning less than $10,000 gross income from such business operations;
- farm operations and fishing operations;

- professionals;
- self-employed commission salespeople.

Commercial bankruptcy statistics can serve as an important indicator of general economic conditions. The Office of the Superintendent of Bankruptcy, Consumer and Corporate Affairs Canada, which has responsibility for supervision of the bankruptcy process, compiles these data and publishes a monthly statistical bulletin and *Annual Statistical Summary*, which provide numbers of cases, total assets, liabilities and deficiencies by industry and province. Assets, liabilities and deficiencies reflect amounts as declared by debtors in completing sworn Statements of Affairs.

Research and development (R & D) can be defined as creative work undertaken on a systematic basis to increase the stock of scientific knowledge and technology. Both the federal and Ontario governments play an important role in the encouragement of this type of activity. Data on industrial research and development are collected by Statistics Canada in conjunction with Science and Technology Canada. All known firms performing industrial R & D are surveyed in odd-numbered years (e.g. 1981), while a sample which includes the leading performers is used for even-numbered years. As a result, data by province are available only every second year when the full survey is conducted. Further information is available through the Science Statistics Centre of Statistics Canada, telephone Ottawa, 990-9919.

Business

Charts:

15.1 Corporate Registrations, Ontario, 1978/79 to 1982/83
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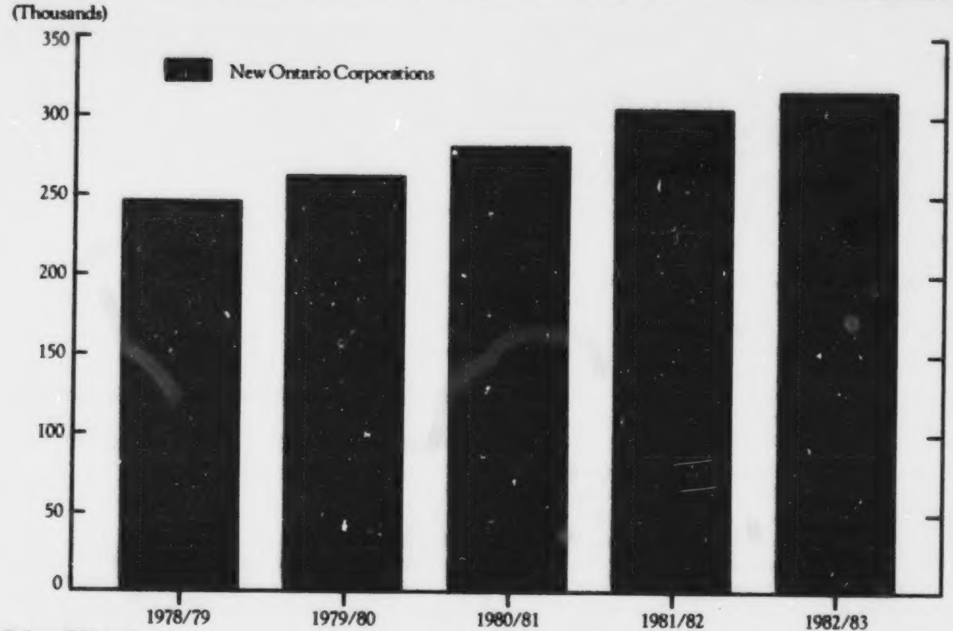
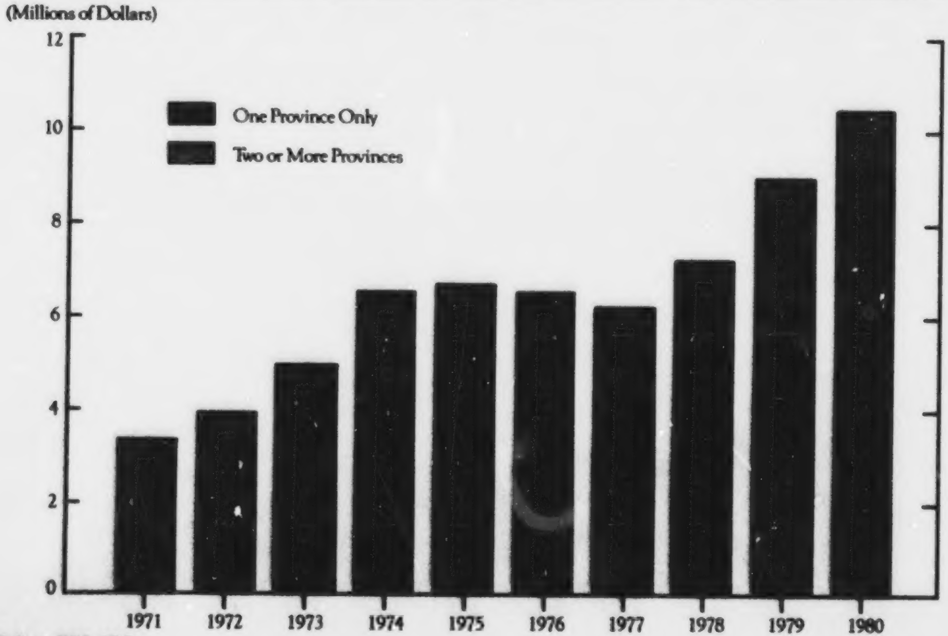
Chart 15.1 Corporate Registrations, Ontario, 1978/79 to 1982/83



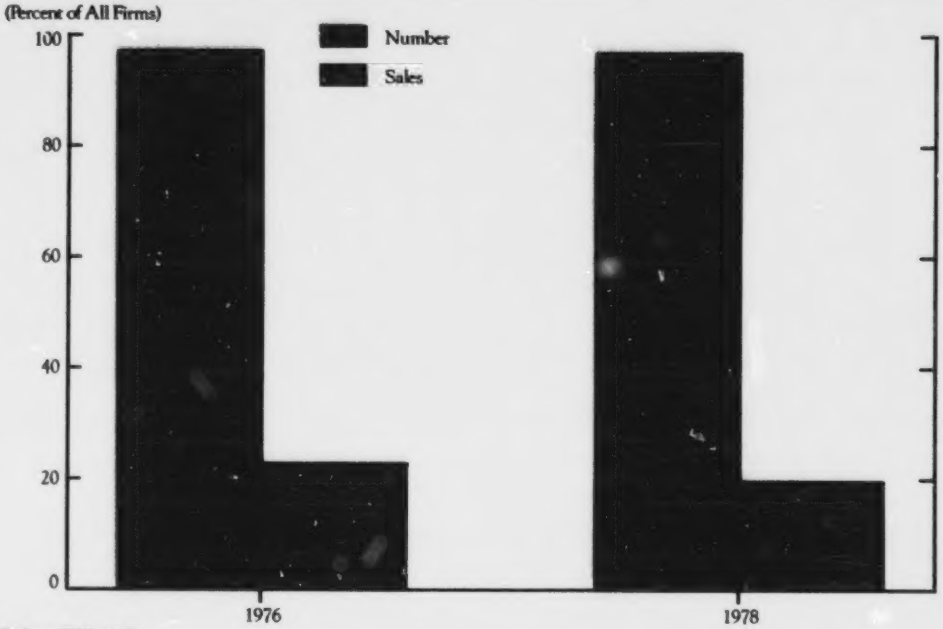
Refer to Table 15.1

Chart 15.2 Corporate Taxable Income Allocated to Ontario, 1971 to 1980



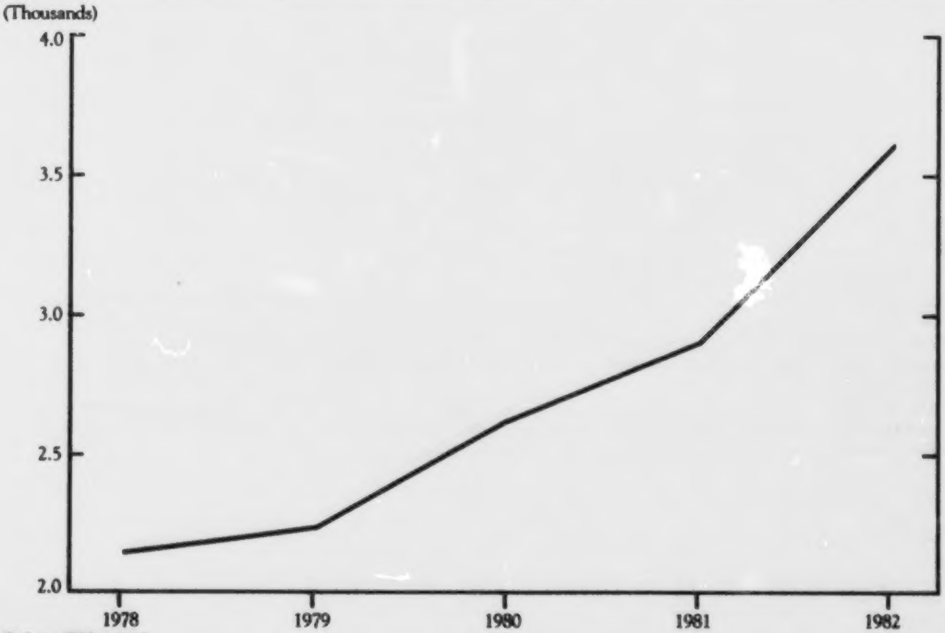
Refer to Table 15.2

Chart 15.3 Small Business in Ontario, 1976 and 1978



Refer to Table 15.8

Chart 15.4 Business Bankruptcies, Ontario, 1978 to 1982



Refer to Table 15.10

Table 15.1 Corporate Registrations, Ontario, 1978/79 to 1982/83

Year	New Ontario Corporations	Amalgamations	New Licences	Voluntary Wind Up & Dissolutions	Cancellations	Active Corporations
				'000's		
1982/83	28.7	0.9	0.4	1.4	17.8	312.2
1981/82	28.7	0.8	0.5	1.4	5.8	300.8
1980/81	28.4	0.7	0.5	1.6	10.5	277.5
1979/80	28.0	0.7	0.4	1.7	11.9	259.5
1978/79	27.8	0.6	0.4	1.5	2.9	243.5

Source: Ministry of Consumer and Commercial Relations, Companies Division.

Notes:
1. Data include corporations incorporated in Ontario and corporations incorporated elsewhere which require a licence to operate in Ontario.
2. Data are for fiscal year ending March 31.
3. Amalgamations are the merging of two or more corporations into one corporation.
4. Corporations incorporated in jurisdictions which have a reciprocal agreement with Ontario do not need licences to operate in Ontario.
5. An active corporation is one which has not been dissolved.

Table 15.2 Corporate Taxable Income Allocated to Ontario, 1971 to 1980

	Corporations Operating in			Taxable Income of Corporations Operating in		
Year	Ontario Only	Ontario & Other Provinces	Total	Ontario Only	Ontario & Other Provinces	Total
		'000's			$ millions	
1980	66.7	3.6	70.3	4,660	5,687	10,347
1979	63.6	3.4	67.1	4,331	4,571	8,903
1978	58.2	3.1	61.4	3,561	3,588	7,149
1977	52.0	2.9	54.9	2,913	3,186	6,099
1976	52.2	2.1	54.3	2,938	3,506	6,444
1975	50.0	2.6	52.6	2,766	3,815	6,581
1974	48.2	3.1	51.3	2,599	3,845	6,444
1973	43.2	2.8	46.0	2,066	2,781	4,847
1972	38.7	2.5	41.2	1,629	2,176	3,804
1971	38.1	2.6	40.6	1,398	1,823	3,221

Source: Statistics Canada, *Corporation Taxation Statistics, (61-208).*

Notes:
1. Data cover corporations reporting taxable income of $500 or more.
2. Corporations which maintain permanent establishments in more than one province are required by the Regulations to the Income Tax Act (Canada) to allocate their taxable income among those provinces in which they operate. For most corporations (with the exception of banks, trust companies, railways, airlines, grain elevators, bus and truck operators, pipelines and non-resident corporations) the formula used to allocate taxable income is based on the average of their provincial shares of gross revenue and of salaries and wages paid.
3. Data for Canada include corporations allocating to jurisdictions outside Canada. In 1980, 234 corporations allocating to other jurisdictions only reported taxable income of $155 million, while 356 corporations allocating to other jurisdictions and one or more provinces had taxable income of $344 million allocated to other jurisdictions.

Table 15.3 **Corporate Taxable Income by Major Industry, Allocated to Ontario, 1980**

	Corporations Operating in			Taxable Income of Corporations Operating in			
	Ontario Only	Ontario & Other Provinces	Total	Ontario Only	Ontario & Other Provinces	Total	% of Canada
		number			$ '000's		
Agriculture	1,478	8	1,486	67,390	4,036	71,426	25.5
Forestry	153	–	153	11,544	–	11,544	7.9
Fishing	35	–	35	1,462	–	1,462	6.2
Total	1,666	8	1,674	80,396	4,036	84,432	18.8
Metal Mining	6	21	27	57,439	496,128	553,567	45.3
Mineral Fuels	8	17	25	6,788	29,907	36,695	1.4
Other Mining	130	33	163	13,649	66,499	80,148	11.7
Total	144	71	215	77,876	592,534	670,410	14.8
Food	587	94	681	78,530	203,159	281,689	39.2
Beverages	46	24	70	13,143	120,717	133,860	45.6
Tobacco Products	2	5	7	..	41,024	..	..
Rubber Products	33	24	57	15,575	59,254	74,829	65.7
Leather Products	92	18	110	17,310	14,284	31,594	51.5
Textile Mills	179	44	223	28,675	97,119	125,794	46.3
Knitting Mills	44	9	53	4,678	5,338	10,016	25.4
Clothing	316	37	353	40,994	22,196	63,190	30.8
Wood	360	17	377	..	6,422	..	..
Furniture	398	28	426	40,586	19,550	60,136	55.7
Paper & Allied Industries	140	57	197	63,630	347,992	411,622	29.8
Printing, Publishing & Allied Industries	969	75	1,044	84,933	100,978	185,911	52.5
Primary Metals	126	23	149	43,480	143,073	186,553	24.2
Metal Fabricating	1,699	135	1,834	258,225	222,271	480,496	60.0
Machinery	445	116	561	102,154	154,643	256,797	52.9
Transport Equipment	223	41	264	108,280	125,334	233,614	52.3
Electrical Products	306	82	388	75,778	195,246	271,024	57.5
Non-metallic Mineral Products	251	25	276	66,321	65,769	132,090	52.3
Petroleum & Coal Products	7	16	23	1,511	816,668	818,179	35.8
Chemicals & Chemical Products	239	139	378	104,381	398,499	502,880	52.7
Miscellaneous Manufacturing	952	106	1,058	134,519	145,488	280,007	65.4
Total	7,414	1,115	8,529	1,336,340	3,305,024	4,641,364	42.6
Construction	7,291	114	7,405	302,356	47,055	349,411	29.5
Transportation	1,796	136	1,932	120,959	100,245	221,204	26.5
Storage	101	8	109	7,467	3,025	10,492	31.9
Communication	129	8	137	64,628	211,621	276,249	35.4
Public Utilities	100	5	105	30,185	6,656	36,841	20.6
Total	2,126	157	2,283	223,239	321,547	544,786	29.9
Wholesale Trade	7,516	900	8,416	607,598	451,328	1,058,926	38.3
Retail Trade	10,722	214	10,936	448,108	206,173	654,281	34.0
Finance	15,935	525	16,460	1,033,583	447,127	1,480,710	40.5
Services to Business Management	6,939	294	7,233	257,516	179,656	431,172	40.2
Government Personal & Miscellaneous Services	6,946	175	7,121	293,239	132,065	425,304	35.8
Total	13,885	469	14,354	550,755	311,721	862,476	38.2
All Industries	66,699	3,573	70,272	4,660,251	5,686,545	10,346,796	35.1

Source: Statistics Canada, *Corporation Taxation Statistics*, (61-208).

Note: See Table 15.2, notes 1 and 2.

Table 15.4 Corporate Taxable Income by Asset Size, Allocated to Ontario, 1980

	Corporations	Taxable Income
	#	$ millions
Under $100,000	22,861	341
100,000 - 249,999	16,733	490
250,000 - 999,999	19,932	1,246
1,000,000 - 4,999,999	7,868	1,391
5,000,000 - 24,999,999	2,023	1,663
25,000,000 - 99,999,999	548	1,311
100,000,000 & Over	307	3,906
Total	70,272	10,347

Source: Statistics Canada, *Corporation Taxation Statistics*, (61-208).

Notes: 1. See Table 15.2, notes 1 and 2.
2. Asset size refers to the total assets of corporations, without regard to a provincial distribution of assets.

Table 15.5 Business Registrations, Ontario, 1978/79 to 1982/83

Year	Registrations
	#
1982/83	65,168
1981/82	56,065
1980/81	54,173
1979/80	49,962
1978/79	43,398

Source: Ministry of Consumer and Commercial Relations, Companies Division.

Notes: 1. Data include sole proprietorships, general partnerships and limited partnerships registered under the Partnership Act.
2. Data are for fiscal year ending March 31.

Table 15.6 Proprietors of Unincorporated Businesses, Total Income and Taxable Income, Ontario and Other Regions of Canada, 1976 to 1981

Year	Proprietors	Total Income	Taxable Income
	'000's	$ millions	
1981			
Ontario	175	2,182	1,253
Atlantic	40	412	206
Quebec	121	1,569	878
West	157	2,127	1,302
Canada	493	6,313	3,666
Ontario % of Canada	35.4	34.6	34.2
Ontario			
1980	187	2,101	1,205
1979	190	2,016	1,148
1978	185	1,877	1,089
1977	170	1,724	1,001
1976	164	1,595	951

Source: Revenue Canada, Taxation, *Taxation Statistics*.

Notes: 1. Data are based on all returns filed, both taxable and non-taxable, where filer has been classified as a business proprietor according to the major source of income shown on the return.
2. Provincial distribution is based on address at time of filing.
3. The Canada total includes non-residents.

Table 15.7 Business Proprietors, Total Income and Taxable Income by Industry, Ontario Compared to Canada, 1981

	Proprietors		Total Income		Taxable Income	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	#		$ '000's		$ '000's	
Forestry	1,698	19.4	21,614	16.0	10,720	13.7
Manufacturers	5,734	39.1	69,263	39.3	41,506	41.6
Construction	30,884	37.2	417,320	36.0	233,421	35.1
Public Utilities	18,832	29.9	207,273	28.8	110,442	28.1
Wholesale Traders	4,211	41.9	80,365	44.0	54,621	45.8
Retail Traders	50,257	36.6	597,655	35.2	353,744	35.3
Insurance	487	32.6	13,332	36.0	8,841	35.2
Real Estate	1,076	31.5	46,678	39.2	23,766	33.4
Other Finance	3,395	66.8	50,826	59.3	31,526	48.6
Recreational Services	3,008	49.8	42,877	47.1	26,269	50.1
Business Services	4,049	48.9	52,072	53.4	31,199	55.4
Other Services	48,837	33.8	543,399	33.6	303,598	33.2
Other Business	2,092	26.2	39,563	20.2	23,627	18.9
Total	174,560	35.4	2,182,238	34.6	1,253,280	34.2

Source: Revenue Canada, Taxation, *Taxation Statistics.*

Note: See notes, Table 15.6.

Table 15.8 Small Business, Ontario and Other Regions of Canada, Selected Years, 1976 to 1980

	Small Firms		Sales	
Year	Number	% of All Firms	Value	% of All Firms
	'000's		$ billions	
1980				
Ontario	243.3	..	41.8	..
Atlantic	48.9	..	8.1	..
Quebec	166.5	..	31.1	..
West	250.5	..	42.7	..
Canada	709.3	96.4	123.8	..
Ontario % of Canada	34.3	...	33.8	...
1978				
Ontario	253.3	96.6	39.3	19.4
Atlantic	47.2	97.2	..	..
Quebec	161.0	96.3	26.9	23.8
West	238.6	97.2	..	..
Canada	700.2	96.8	108.5	22.2
Ontario % of Canada	36.2	...	36.2	...
1976				
Ontario	228.8	97.0	33.5	22.7
Atlantic	46.4	97.8	6.4	35.4
Quebec	141.2	96.5	23.3	26.2
West	211.3	97.6	28.7	24.6
Canada	628.1	97.2	91.9	24.8
Ontario % of Canada	36.4	...	36.4	...

Sources: Statistics Canada, *Daily, March 9, 1984.*
Department of Industry, Trade and Commerce, *Small Business in Canada, 1981.*

Notes: 1. Small businesses are defined as those with sales of less than $2 million.
2. In 1980, data for the West includes firms operating in Canada which could not be assigned to one specific province.

Table 15.9 Small Business by Industry, Ontario Compared to Canada, 1980

	Firms		Sales	
	Ontario	% of Canada	Ontario	% of Canada
	'000's		$ millions	
Forestry	2.0	16.8	212	13.9
Mines & Quarries	.5	15.4	111	13.5
Manufacturing	17.4	39.5	5,409	40.4
Construction	43.6	34.6	6,053	32.8
Transportation, Communication & Utilities	19.9	27.9	2,066	27.9
Trade	74.5	33.3	17,610	32.9
Insurance Agencies & Real Estate	25.3	36.9	3,318	36.2
Business & Personal Services	60.0	37.5	7,064	36.4
Total	243.2	34.3	41,843	33.8

Source: Statistics Canada, *Daily, March 9, 1984.*

Notes: 1. See Table 15.8, note 1.
2. Mines include milling.

Table 15.10 Business Bankruptcies, Ontario Compared to Canada, 1978 to 1982

	Bankruptcies		Deficiency	
Year	Ontario	% of Canada	Ontario	% of Canada
	#		$ '000's	
1982	3,607	33.5	486,949	31.4
1981	2,901	36.0	240,007	31.6
1980	2,622	39.8	188,755	39.0
1979	2,231	39.2	138,357	33.8
1978	2,141	38.6	121,834	30.3

Source: Consumer and Corporate Affairs Canada, Office of the Superintendent of Bankruptcy, *Bankruptcy Statistics.*

Notes: 1. Data exclude Small Debtor Program Bankruptcies.
2. Data include farm bankruptcies.

Table 15.11 Business Bankruptcies by Industry, Ontario Compared to Canada, 1982

	Bankruptcies		Deficiency	
	Ontario	% of Canada	Ontario	% of Canada
	#		$ '000's	
Primary	221	35.0	18,689	25.6
Manufacturing	323	32.1	79,309	31.0
Construction	646	38.9	75,045	34.7
Transportation, Communications & Other Utilities	277	36.2	18,343	29.5
Trade	1,036	31.6	123,338	30.7
Finance, Insurance & Real Estate	204	38.3	66,132	32.1
Services	898	31.4	104,703	31.6
Other	2	9.1	1,391	35.0
Total	3,607	33.5	486,949	31.4

Source: Consumer and Corporate Affairs Canada, Office of the Superintendent of Bankruptcy, *Bankruptcy Statistics.*

Note: 1. See Table 15.10, note 1.
2. Primary includes farm bankruptcies.

Table 15.12 Total Intramural Research and Development Expenditures by Industry, Ontario, Selected Years, 1977 to 1981

	Manufacturing							
Year	Mines & Wells	Food, Beverages & Tobacco	Rubber & Plastic	Textiles	Wood Base Industries	Primary Metals & Metal Fabricating	Business Machines	Other Machinery
					$ millions			
1981	22	35	15	3	21	80	55	38
1979	11	22	12	2	14	59	26	30
1977	6	17	7	2	9	42	14	28

Table 15.12 (cont'd.)

	Manufacturing (cont'd.)							
Year	Aircraft & Parts	Other Trans-portation Equipment	Communi-cations Equipment	Other Electrical Products	Non-metallic Mineral Products	Petroleum Products	Drugs & Medicines	Other Chemical Products
					$ millions			
1981	97	30	268	72	10	60	24	81
1979	41	24	162	50	7	36	16	49
1977	25	15	114	32	6	27	12	35

Table 15.12 (cont'd.)

	Manufacturing (cont'd.)			Services				
Year	Scientific & Professional Equipment	Other	Total	Trans-portation & Utilities	Engineering & Scientific Services	Other	Total	Total
					$ millions			
1981	16	8	914	34	34	69	137	1,073
1979	9	3	564	21	28	45	94	670
1977	5	2	390	24	15	27	66	463

Source: Science Statistics Centre, *Standard Industrial R & D Tables, 1963 - 1981.*

Notes:
1. Intramural expenditures refer to work performed within the reporting company, including work financed by others.
2. Other Machinery includes agricultural implements, commercial refrigeration and air conditioning, and production equipment, except electrical machinery.
3. Other Transportation Equipment includes motor vehicles, railroad rolling stock and ship and boat building.
4. Other Electrical Products includes electrical appliances, lighting fixtures and electrical industrial equipment.
5. Other Chemical Products includes fertilizers, plastics and synthetic resins, paints and varnishes, toilet preparations, cleaning compounds and industrial chemicals.
6. Other Manufacturing includes jewellery and silverware, sporting goods and toys, signs and displays, musical instruments and a wide variety of miscellaneous products.
7. Other Services includes electrical power and community, business and personal services except for engineering and scientific services.

Table 15.13 Persons Engaged in Intramural Research and Development, Ontario and Other Regions of Canada, 1981

	Professional	Other	Total
		person-years	
Ontario	8,530	10,500	19,030
Atlantic	110	125	235
Quebec	3,355	4,160	7,515
West	1,810	2,040	3,850
Canada	13,805	16,825	30,630
Ontario % of Canada	61.8	62.4	62.1

Source: Science Statistics Centre, *Standard Industrial R & D Tables, 1963 – 1981.*

Notes: 1. See Table 15.12, note 1.
2. Data are rounded to the nearest five person-years.

Table 15.14 Persons Engaged in Intramural Research and Development by Industry Group, Ontario Compared to Canada, 1981

	Ontario	% of Canada
	person-years	
Mines & Wells	345	24.1
Chemical Based	3,870	63.3
Wood Based	420	30.3
Metals	1,240	68.9
Machinery & Transportation Equipment	4,370	60.8
Electrical	5,635	73.7
Other Manufacturing	345	86.3
Services	2,805	60.3
Total	19,030	62.1

Source: Science Statistics Centre, *Standard Industrial R & D Tables, 1963 – 1981.*

Notes: 1. See Table 15.12, note 1.
2. See Table 15.13, note 2.

Chapter 16
Agriculture

Agriculture

Although Ontario's agriculture industry accounts for only slightly more than 2% of gross domestic product, cash receipts of close to five billion dollars in 1982 make it the nation's largest agricultural producer. For some communities, particularly in Central and Southwestern Ontario, agriculture is the primary activity. The industry is highly diversified and employs over 100,000 people.

Governments play an important role in the development of the agriculture and food sector. The Ontario Ministry of Agriculture and Food is involved in domestic and foreign marketing, setting of quality standards, foodland preservation and improvements, education and research, farm financial assistance, advisory and technical services and encouragement of private sector investment in the food processing industry. The Provincial Government functions in close co-operation with Agriculture Canada whose main responsibilities cover three broad areas: research, promotional and regulatory services and assistance programs. Both levels of government are therefore involved in specific activities such as crop insurance, marketing boards, operation of experimental farms, pricing and quality inspections as well as credit facilitation, manpower and land use planning and dissemination of information.

The agriculture industry consists of farms primarily engaged in production of livestock, field crops, fruit and vegetables, and other specialities and services incidental to agriculture such as horticulture, orchard spraying and animal husbandry. The statistics in this chapter cover gross domestic product, land area, numbers of farms and livestock, farm income, other financial information, and production and farm value of various crops and other agricultural products. Information on farm input prices is shown in Chapter 11, Prices. Imports and exports of agricultural products are covered in Chapter 13, Trade, while data on the food processing industry can be found in Chapter 20, Manufacturing. Some information on wholesale trade related to agriculture is contained in Chapter 23, Retail and Wholesale Trade.

Sources of Data

The main sources of data are:

- Census of Agriculture;
- information developed and compiled by the Agriculture Statistics Division of Statistics Canada and the Economics Branch of the Ontario Ministry of Agriculture and Food;
- Bankruptcy Records;
- Farm Tax Reduction Program.

The Census of Agriculture has been taken every five years since 1951 and every ten years between 1871 and 1951. The 1981 Census of Agriculture was carried out in conjunction with the Census of Population and Housing. Operators of farms were identified and asked to complete the agriculture questionnaire, providing data on age and residence of operators, type of organization, tenure of land, farm areas, use of land, crops, livestock and poultry, forest products, capital values, machinery and equipment, labour and expenditures. The census covers all farms in Canada with data adjusted for undercoverage and non-response.

The Census of Agriculture forms the basis for much of the available agricultural data. Estimates produced between census years are revised following the release of new census material. In addition to the series of census publications, data can be accessed through CANSIM, on computer tape and microfiche and by special requests to the Agriculture Statistics Division of Statistics Canada, telephone Ottawa, 990-8711.

Other data produced by the Agriculture Statistics Division and the Ontario Ministry of Agriculture and Food are derived from a variety of sources including administrative records of government, marketing boards, aggregated information of private companies, and various surveys of farms, as well as from the Census of Agriculture.

Financial statistics for farms are released twice a year in May (preliminary) and December (final). Net farm income statements show farm business income from the sale of agricultural products less operating expenses and depreciation charges. They are not indicative of cash flows in the farm sector. Income from sales of farm capital are considered investment income. Expenses incurred for the acquisition of farm capital are amortized over a number of years. Further detail is available in the annual publication *Farm Net Income, (21-202).* Statistics Canada also co-ordinates two forecasts of farm net income. One is released at the Canadian Agricultural Outlook Conference in December and the other in July when early crop reports are available.

Data on numbers of animals, consumption, trade, slaughtering and average prices are published annually in *Livestock and Animal Products Statistics*, (22-203), *Handbook of Agricultural Statistics, Part VI*, (21-514), and a quarterly bulletin entitled *Report on Livestock Surveys*, (23-008).

Estimates of egg production, egg prices and poultry disposition are published monthly and annually in *Production and Stocks of Eggs and Poultry*, (23-003), and *Production of Poultry and Eggs*, (23-202). The estimates are derived using the quarterly Egg Producers Survey, administrative data, seasonal trends, past relationships and Agriculture Canada data.

Data on milk and other dairy products are published in *The Dairy Review*, (23-001). Production and cash receipts for milk sold off farms are reported by provincial milk marketing boards, while other data are obtained from questionnaires submitted by operating dairy plants.

Seasonal and annual data on areas, production, farm value and average yields of field crops are published in the seasonal *Field Crop Reporting Series*, (22-002), and historically in the *Handbook of Agriculture Statistics, Part I*, (21-516). Farm value data are measured at the 'farm gate' and are defined as returns to growers.

Data on fruit and vegetables are provided on a seasonal basis in *Fruit and Vegetable Production*, (22-003).

The greenhouse industry is surveyed regarding greenhouse areas, fuel costs, labour, sales of vegetables, flowers, and plants and, more recently, energy use and conservation. The value of sales represents prices paid to growers. The results of the survey are published in the annual *Greenhouse Industry*, (22-202).

Many of the Statistics Canada series are available on CANSIM. Statistics on a number of areas not covered in depth in this chapter, such as nursery trades, maple products, honey, wool and tobacco, are available from a variety of Statistics Canada publications. For further information, contact the Agriculture Division, telephone Ottawa, 990-8722.

The Office of the Superintendent of Bankruptcy, Consumer and Corporate Affairs Canada, telephone Ottawa, 995-1507, maintains records of farm bankruptcies starting from 1979, classified by type of farm.

The Ontario Farm Tax Reduction Program offers property taxation relief for owners of productive farm land. Numbers of eligible properties are not equal to census farms. Further information can be obtained from the Subsidies Branch of the Ontario Ministry of Municipal Affairs and Housing, telephone Toronto, 585-6136.

The Ontario Ministry of Agriculture and Food, Economics Branch, telephone Toronto, 965-1064, maintains a great deal of statistical information and acts as a focal point for all Ontario agricultural data. The Ministry works in co-operation with the Agriculture Division of Statistics Canada in maintaining required provincial statistics and is able to provide county data for numerous series. Of particular interest are *Agricultural Statistics for Ontario*, an annual publication, and *Monthly Crop and Livestock Report*.

Further information on particular topics or products may also be obtained from various marketing boards and agricultural associations.

Agriculture

Charts:

16.1 Farms, Ontario and Other Regions of Canada, 1951 and 1981
16.2 Current Value of Livestock and Capital, Ontario, Selected Years, 1951 to 1981
16.3 Farm Net Income and Cash Receipts, Ontario, 1971 to 1982
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Tables:

16.1 Gross Domestic Product, Agriculture, Ontario, 1971 to 1981
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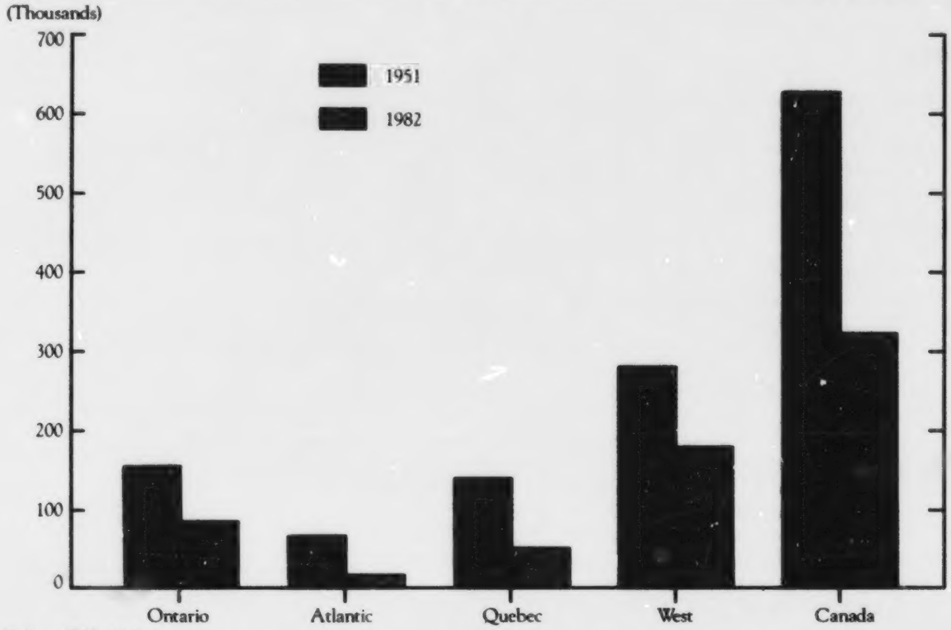
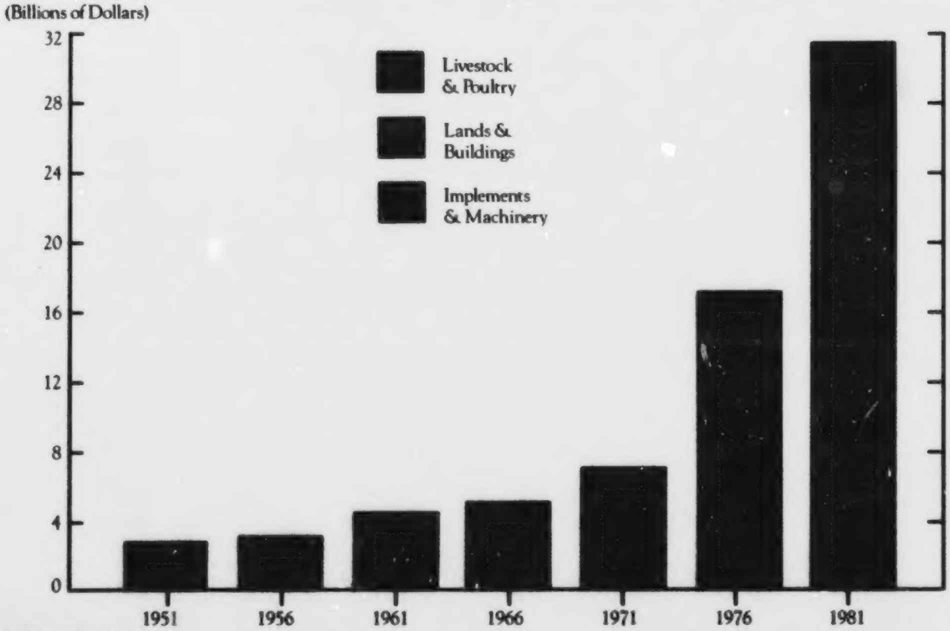
16.15 Cash Receipts for Milk Sold Off Farms, Ontario, 1978 to 1982
16.16 Farm Bankruptcies, Ontario and Other Regions of Canada, 1979 to 1983
16.17 Farm Tax Reduction Program Rebates, Ontario, 1970 to 1983

Chart 16.1 Farms, Ontario and Other Regions of Canada, 1951 and 1981



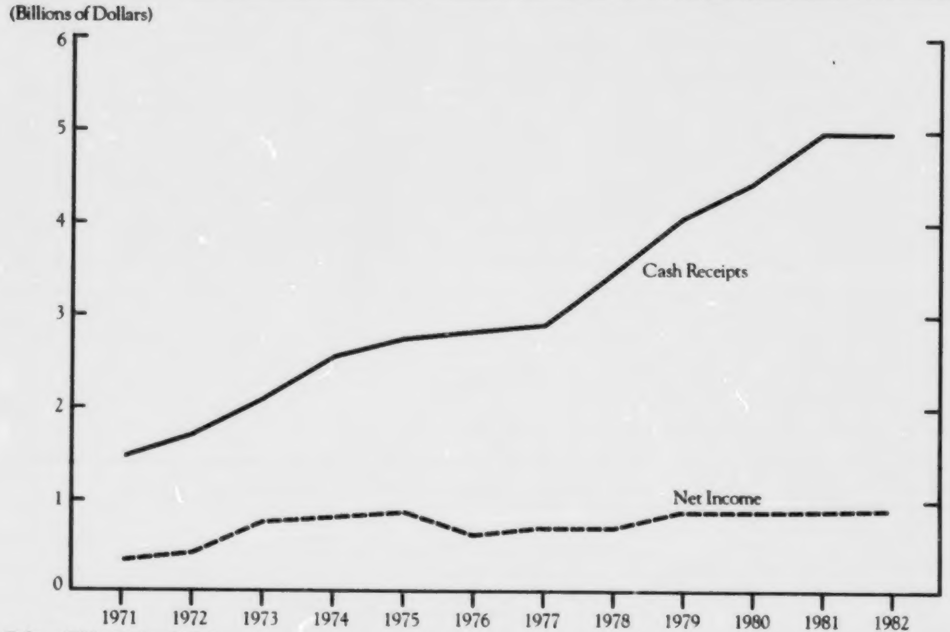
Refer to Table 16.2

Chart 16.2 Current Value of Livestock and Capital, Ontario, Selected Years, 1951 to 1981



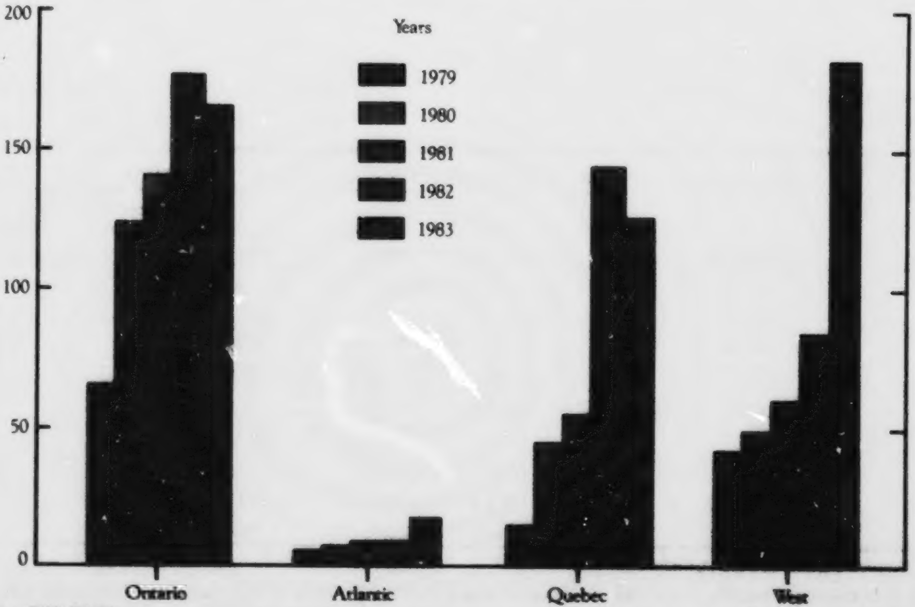
Refer to Table 16.4

Chart 16.3 Farm Net Income and Cash Receipts, Ontario, 1971 to 1982



Refer to Tables 16.5 and 16.6

Chart 16.4 Farm Bankruptcies, Ontario and Other Regions of Canada, 1979 to 1983



Refer to Table 16.16

Table 16.1 Gross Domestic Product, Agriculture, Ontario, 1971 to 1981

Year	Value	% of Total G.D.P.
	$ millions	
1981	2,554.1	2.2
1980	2,284.9	2.3
1979	2,135.5	2.4
1978	1,731.9	2.2
1977	1,601.1	2.2
1976	1,445.0	2.2
1975	1,549.9	2.6
1974	1,358.3	2.6
1973	1,194.5	2.7
1972	825.3	2.1
1971	694.2	2.0

Sources: CANSIM.
Statistics Canada, *Provincial Gross Domestic Product by Industry, (61-202).*
Provincial Economic Accounts, (13-213).

Note: The percentages are calculated using total Gross Domestic Product at factor cost.

Table 16.2 Farms, Ontario and Other Regions of Canada, Selected Years, 1951 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1982	82.0	12.8	47.9	174.1	316.8	25.9
1981	82.4	12.9	48.1	174.8	318.4	25.9
1980	85.8	12.6	51.5	177.8	327.7	26.2
1979	85.8	12.5	51.5	179.5	329.3	26.1
1976	88.8	14.5	51.6	183.6	338.6	26.2
1971	94.7	17.1	61.3	193.1	366.1	25.9
1961	121.3	33.4	95.8	230.4	480.9	25.2
1951	149.9	63.7	134.3	275.1	623.1	24.1

Sources: Statistics Canada, *Census of Agriculture and Farm Enumerative Surveys.*

Note: Newfoundland estimates are not available for 1979 and 1980 as the survey method used in that province was not suited to farm number estimation.

Table 16.3 Agricultural Land Areas by Tenure, Ontario, Census Years, 1941 to 1981

Year	Owner	Tenant	Part Owner Part Tenant	Total Owned	Total Rented	Area in Census Farms	% of Total Land in Census Farms
			'000's hectares				
1981	2,951.2	257.2	2,830.8	4,594.0	1,445.3	6,039.2	6.6
1976	3,292.2	304.6	2,664.9	4,840.8	1,420.9	6,261.7	6.8
1971	3,937.0	271.2	2,251.8	5,300.1	1,159.9	6,460.0	7.0
1966	5,023.1	220.5	1,970.3	6,275.7	938.2	7,213.9	8.1
1961	5,554.8	270.4	1,693.3	6,637.2	881.3	7,518.5	8.4
1956	6,424.6	303.6	1,316.8	7,277.3	767.7	8,045.0	9.3
1951	6,691.0	407.4	1,351.5	7,540.4	909.5	8,449.9	9.8
1941	7,036.5	907.1	1,116.5	7,698.7	1,361.4	9,060.1	10.5

Source: Statistics Canada, *Census of Agriculture.*

Notes: 1. Prior to and including 1956, a census farm was defined as an agricultural holding having either (a) three acres or more in size, or (b) from one to three acres in size and with sales of agricultural products during the previous year of $250 or more. For all other years, a census farm is defined as an agricultural holding of one acre or more, with sales of $50 or more during the previous year.

2. The total area owned includes area operated by manager.

Table 16.4 Current Value of Livestock and Capital, Ontario Compared to Canada, Selected Years, 1951 to 1982

	Livestock & Poultry		Lands & Buildings		Implements & Machinery	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	$ millions		$ millions		$ millions	
1982	2,444.7	25.6	24,792.8	23.8	3,653.3	19.8
1981	2,524.9	26.1	25,298.8	24.5	3,462.1	19.8
1980	2,413.1	25.3	22,977.5	25.0	3,103.8	20.0
1979	2,298.4	26.0	19,708.3	26.9	2,683.7	20.1
1978	1,563.7	25.6	17,362.4	29.3	2,330.1	20.3
1977	1,231.9	27.6	15,293.7	30.6	2,097.9	20.8
1976	1,200.8	27.0	13,822.3	31.7	1,940.2	21.5
1975	1,108.3	26.9	11,662.4	31.8	1,672.1	22.2
1974	1,263.3	24.8	9,131.0	31.5	1,315.6	23.1
1973	1,219.4	24.8	6,934.1	31.2	1,066.5	23.6
1972	970.4	25.9	5,589.8	30.5	961.4	23.3
1971	794.7	25.9	5,183.4	30.6	890.0	22.8
1966	678.4	28.7	3,451.1	26.2	758.4	21.4
1961	593.7	29.8	3,126.0	36.3	579.3	22.6
1956	430.1	30.2	1,893.2	27.6	526.4	23.3
1951	682.2	34.0	1,419.4	25.7	445.3	23.0

Sources: CANSIM.
Statistics Canada, *Current Value of Farm Capital by Items*, (21-202).

Notes: 1. Canadian figures used to calculate percentages exclude Newfoundland until 1976. After 1976, Newfoundland is included in land and buildings, and implements and machines.
2. Livestock & Poultry includes value of animals on fur farms.

Table 16.5 Farm Net Income, Ontario, Selected Years, 1956 to 1982

Year	Cash Receipts From Farm Products	Income in Kind	Supplementary Payments	Realized Gross Income
		$ millions		
1982	4,933.5	65.3	20.3	5,019.1
1981	4,939.6	65.4	50.1	5,055.1
1980	4,405.2	72.3	–	4,477.5
1979	4,032.5	72.2	–	4,104.7
1978	3,417.0	57.9	–	3,474.9
1977	2,865.7	45.4	–	2,911.2
1976	2,791.9	43.6	–	2,835.5
1975	2,696.3	43.6	–	2,739.9
1974	2,517.7	42.8	—	2,560.4
1973	2,059.4	43.6	0.3	2,103.2
1972	1,653.5	31.0	2.2	1,686.7
1971	1,417.9	29.3	–	1,447.2
1966	1,256.4	32.3	9.6	1,298.2
1961	872.5	31.0	–	903.5
1956	718.7	35.7	–	754.4

Table 16.5 (cont'd.)

Year	Operating & Depreciation Charges	Realized Net Income	Value of Inventory Change	Total Gross Income	Total Net Income
			$ millions		
1982	4,185.7	833.4	9.7	5,028.9	843.1
1981	4,155.4	899.8	-59.7	4,995.5	840.1
1980	3,799.3	678.1	121.9	4,599.4	800.1
1979	3,341.7	763.0	68.0	4,172.7	831.0
1978	2,784.8	690.0	-29.9	3,445.0	660.1
1977	2,321.9	589.3	80.2	2,991.4	669.5
1976	2,162.5	673.0	-84.2	2,751.3	588.8
1975	2,004.3	735.6	94.2	2,834.1	829.8
1974	1,760.0	800.5	-36.4	2,524.1	764.1
1973	1,494.9	608.3	89.8	2,193.1	698.1
1972	1,265.4	421.3	-48.5	1,638.2	372.9
1971	1,149.3	297.9	2.7	1,450.0	300.7
1966	903.8	394.5	40.2	1,338.5	434.7
1961	658.3	245.2	27.8	931.3	273.0
1956	537.7	216.7	22.2	776.6	238.9

Sources: CANSIM.
Statistics Canada, *Farm Net Income, (21-202).*

Notes:
1. Realized Gross Income is sum of Cash Receipts from Farm Products, Income in Kind and Supplementary Payments.
2. Supplementary Payments refers to government assistance to farmers who suffered losses as a result of adverse weather conditions.
3. Total Gross Income is the sum of Realized Gross Income and Value of Inventory Change.
4. Realized Net Income is Realized Gross Income less Operating & Depreciation Charges.
5. Total Net Income is Total Gross Income less Operating & Depreciation Charges.

Table 16.6 Farm Cash Receipts from Farming Operations, Ontario, Selected Years, 1956 to 1982

Year	Crops	Livestock	Forest & Maple Products	Provincial Income Stabilization Program	Dairy Supplement Payments	Deficiency Payments	Supplementary Payments	Total Cash Receipts
				$ millions				
1982	1,626.8	3,189.8	15.8	5.1	87.3	8.7	20.3	4,953.8
1981	1,770.4	3,018.6	15.1	6.6	90.2	38.7	50.1	4,989.8
1980	1,490.3	2,798.4	13.7	6.8	80.4	15.6	-	4,405.2
1979	1,305.7	2,587.9	15.5	5.5	78.2	39.6	-	4,032.5
1978	1,133.8	2,181.0	13.0	-	81.2	8.0	-	3,417.0
1977	950.7	1,788.2	10.2	12.6	86.6	17.4	-	2,865.7
1976	998.6	1,670.8	9.9	22.7	83.4	6.5	-	2,791.9
1975	895.5	1,681.7	8.3	24.1	84.1	2.6	-	2,696.3
1974	882.5	1,551.3	8.1	..	66.4	9.4	—	2,517.7
1973	643.9	1,366.4	7.4	..	39.8	1.8	0.3	2,059.7
1972	507.2	1,094.5	6.1	..	33.4	12.3	2.2	1,655.7
1971	458.7	920.7	5.2	..	33.1	0.1	-	1,417.9
1966	342.3	884.6	4.7	..	22.5	2.3	9.6	1,266.0
1961	257.1	608.7	6.5	..	..	0.3	..	872.5
1956	175.7	536.3	6.7	..	..	..	..	718.7

Sources: CANSIM.
Statistics Canada, *Farm Net Income, (21-202).*

Notes:
1. Deficiency payments are made under the authority of the Agricultural Stabilization Act.
2. For definition of Supplementary Payments, see notes, Table 16.5.

Table 16.7 Farm Operating Expenses and Depreciation Charges, Ontario, Selected Years, 1956 to 1982

Year	Property Taxes	Gross Farm Rent	Wages to Farm Labour	Interest on Indebtedness	Machinery	Fertilizer & Limestone	Other Crop Expenses
				$ millions			
1982	46.3	128.7	393.1	569.1	439.0	249.0	275.2
1981	42.6	120.4	393.1	665.1	390.4	261.0	274.3
1980	38.0	114.7	367.9	469.7	332.5	256.5	253.9
1979	36.6	98.8	352.3	374.4	291.7	222.7	247.3
1978	35.1	87.3	313.4	253.8	238.6	191.4	186.7
1977	32.2	68.5	291.7	201.4	223.8	152.3	156.4
1976	29.9	62.1	252.5	183.5	212.1	147.7	146.5
1975	25.5	57.7	233.6	147.9	194.3	160.0	143.1
1974	21.7	46.7	191.8	131.6	182.5	107.7	128.6
1973	20.8	36.9	191.2	93.4	164.0	76.5	93.5
1972	29.3	32.3	140.2	99.7	151.0	64.3	79.8
1971	26.2	30.9	136.5	74.8	145.4	62.9	69.7
1966	30.2	27.1	101.3	48.6	107.5	57.7	52.4
1961	25.0	19.9	98.9	23.9	89.2	35.4	27.9
1956	21.3	12.9	76.1	15.4	77.6	27.5	21.5

Table 16.7 (cont'd.)

Year	Feed	Other Livestock Expenses	Repairs to Buildings	Electricity, Telephone	Miscel-laneous	Total Operating Expenses	Depre-ciation	Total
					$ millions			
1982	638.1	339.1	72.5	91.1	299.2	3,540.4	645.4	4,185.7
1981	666.1	282.3	66.8	83.5	278.4	3,523.8	631.6	4,155.4
1980	594.0	389.9	68.0	85.0	244.1	3,214.2	585.1	3,799.3
1979	523.6	333.6	65.2	75.3	215.5	2,837.3	504.4	3,341.7
1978	444.1	276.3	60.5	68.1	190.2	2,345.6	439.2	2,784.8
1977	384.2	134.9	49.4	55.6	179.8	1,930.0	391.8	2,321.9
1976	373.6	136.5	46.4	44.8	167.5	1,803.1	359.4	2,162.5
1975	365.7	135.4	42.7	38.0	153.5	1,697.5	306.8	2,004.3
1974	359.4	140.8	41.0	33.3	135.5	1,520.5	239.5	1,760.0
1973	324.5	123.5	35.1	29.3	117.5	1,306.1	188.8	1,494.9
1972	241.4	100.9	32.9	25.3	104.7	1,101.9	163.5	1,265.4
1971	234.4	65.9	29.7	23.3	98.3	998.1	151.2	1,149.3
1966	205.3	61.8	26.1	15.1	63.6	796.8	107.0	903.8
1961	150.4	36.8	15.0	11.3	47.5	581.2	77.1	658.3
1956	140.6	28.6	12.8	9.4	34.3	478.1	59.6	537.7

Sources: CANSIM.
Statistics Canada, *Farm Net Income*, (21-202).

Table 16.8 **Production and Farm Value of Principal Field Crops, Ontario, Selected Years, 1921 to 1983**

Year	Production					
	Spring Wheat	Winter Wheat	Oats	Barley	All Rye	Mixed Grains
			'000's tonnes			
1983	27.5	776.3	234.4	525.7	77.7	613.0
1982	23.9	352.8	346.5	749.6	84.3	858.9
1981	24.0	708.9	269.6	583.5	84.4	884.9
1980	23.4	711.5	345.8	511.4	75.2	917.3
1979	24.5	688.0	347.2	409.5	56.2	891.6
1978	18.5	373.9	358.6	418.6	34.3	848.0
1977	18.5	843.0	330.5	337.0	32.3	800.5
1976	16.5	667.9	345.9	343.1	45.6	725.2
1975	16.2	609.8	437.1	393.3	59.6	836.5
1974	10.6	519.0	409.5	335.5	44.2	790.6
1973	11.4	403.1	434.9	375.7	39.1	895.4
1972	12.6	432.1	499.4	399.3	42.2	933.3
1971	11.8	382.9	577.2	453.4	32.9	1,025.4
1966	17.1	413.7	913.7	244.6	33.3	742.0
1961	12.7	543.8	386.1	72.8	39.1	690.1
1956	9.7	544.3	935.3	80.8	47.4	803.6
1951	25.9	535.7	1,267.7	159.7	38.3	941.4
1941	19.9	413.4	1,019.9	222.4	34.0	694.3
1931	55.5	413.8	1,210.9	293.8	25.4	629.3
1921	51.9	372.5	1,119.3	221.0	45.1	293.7

Table 16.8 (cont'd.)

Year	Farm Value					
	Spring Wheat	Winter Wheat	Oats	Barley	All Rye	Mixed Grains
			$ '000's			
1983	3,940	92,700	31,900	70,000	7,340	81,100
1982	3,040	46,000	40,400	80,600	7,470	94,200
1981	3,431	115,658	35,665	71,829	11,564	110,708
1980	3,655	116,855	48,651	69,530	12,018	125,894
1979	3,060	101,622	38,050	43,639	7,208	96,806
1978	1,904	55,085	34,179	35,949	3,092	77,587
1977	1,632	97,255	27,214	25,539	2,339	64,418
1976	1,634	76,326	31,846	30,415	3,857	69,152
1975	2,082	81,554	43,077	37,569	4,573	89,438
1974	1,279	82,946	45,940	37,757	4,144	89,767
1973	1,789	63,103	42,864	37,443	3,296	89,324
1972	795	27,310	29,146	22,556	1,827	51,442
1971	743	24,200	28,817	21,033	1,244	48,036
1966	1,135	27,512	49,172	13,708	1,558	38,853
1961	671	28,773	72,802	3,509	1,679	33,090
1956	550	28,800	47,305	3,936	2,201	37,205
1951	1,963	40,549	73,161	9,533	2,515	51,888
1941	717	14,885	31,743	6,028	910	20,280
1931	1,061	7,907	19,630	4,992	419	12,487
1921	2,014	14,362	33,774	6,390	1,571	9,373

Table 16.8 (cont'd.)

Year	Production Grain Corn	 Fodder Corn	 Dry Beans	 Soybeans	 Tame Hay
			'000's tonnes		
1983	4,638.8	6,202.0	38.6	721.4	6,715.0
1982	5,194.8	7,026.0	67.9	848.3	6,925.0
1981	5,235.7	7,771.9	64.6	606.8	7,044.3
1980	4,709.7	8,373.3	70.3	689.8	7,293.8
1979	4,366.5	9,080.9	61.6	657.3	7,112.3
1978	3,840.7	9,022.0	76.5	515.6	6,451.0
1977	3,867.2	10,078.8	50.2	580.0	6,742.2
1976	3,427.3	10,125.1	90.0	250.4	6,550.8
1975	3,318.2	11,049.5	89.8	366.8	6,139.8
1974	2,382.6	9,162.6	101.1	300.7	5,800.5
1973	2,643.2	8,491.3	78.0	396.5	6,510.0
1972	2,355.2	7,901.6	87.5	374.8	6,374.8
1971	2,598.6	7,836.6	78.7	279.8	5,952.9
1966	1,653.1	4,859.8	79.3	245.3	7,163.1
1961	738.8	2,990.1	35.7	180.5	6,965.4
1956	702.0	2,406.8	30.5	143.4	5,820.5
1951	400.1	2,558.3	33.0	104.6	6,674.2
1941	294.6	2,676.2	43.0	5.9	4,988.6
1931	133.8	2,099.2	31.4	..	5,741.6
1921	344.0	4,549.5	11.6	..	4,001.6

Table 16.8 (cont'd.)

Year	Farm Value Grain Corn	 Fodder Corn	 Dry Beans	 Soybeans	 Tame Hay
			$ '000's tonnes		
1983	694,000	145,600	10,200	249,200	359,000
1982	580,800	134,600	17,900	212,000	359,600
1981	601,870	155,405	43,748	157,194	359,287
1980	715,686	170,847	44,175	215,939	364,694
1979	519,138	179,880	28,675	171,948	326,144
1978	421,848	153,153	24,546	144,732	317,151
1977	328,847	163,095	16,605	139,367	313,705
1976	296,837	158,375	31,843	64,860	290,068
1975	329,193	170,398	30,789	66,312	336,573
1974	284,214	123,423	29,914	70,057	288,369
1973	273,678	93,600	46,474	83,340	157,872
1972	151,134	63,322	17,650	53,703	149,675
1971	117,648	56,320	18,265	30,432	111,554
1966	95,669	34,928	11,943	27,036	153,972
1961	35,193	16,941	5,109	14,920	103,039
1956	33,163	11,010	4,271	11,328	97,844
1951	28,350	12,690	5,062	10,571	110,355
1941	8,581	9,588	2,609	..	63,028
1931	2,106	9,256	668	..	53,945
1921	10,750	132,958	1,006	..	93,155

Sources: CANSIM.
Statistics Canada, *Handbook of Agricultural Statistics, (21-516).*
Ministry of Agriculture and Food, *Monthly Crop and Livestock Report.*

Notes:
1. The crop year refers to August 1 to July 31.
2. In 1983, total farm value for Dry Beans and Winter Wheat is initial payment only.
3. Farm Value data are those obtained at the farm gate and are concerned with returns to growers.

Table 16.9 **Production and Farm Value of Vegetables, Ontario, Selected Years, 1961 to 1983**

Year	Production					
	Cabbage	Carrots	Cauliflower	Cucumbers	Onions	Peas
	'000's tonnes					
1983	69.1	122.7	32.5	35.1	79.4	14.3
1982	68.8	138.1	29.5	43.4	79.3	32.1
1981	71.8	111.7	26.4	42.1	88.3	29.5
1980	56.4	58.3	31.6	40.0	64.9	31.0
1979	56.7	118.1	30.8	45.4	68.7	32.3
1978	70.5	103.8	22.5	47.5	87.8	29.4
1977	60.7	63.3	14.5	44.5	63.5	30.3
1976	49.8	68.7	14.6	41.4	57.3	28.7
1975	47.6	104.4	13.2	47.2	55.9	35.9
1974	40.0	93.0	11.1	40.7	67.2	36.3
1973	42.8	82.0	10.5	42.6	61.5	31.2
1972	38.8	71.0	9.7	33.0	48.5	24.1
1971	38.0	53.6	9.1	40.5	50.0	22.8
1966	32.9	65.3	8.1	31.5	49.5	16.7
1961	32.8	54.9	7.3	19.1	43.4	24.0

Table 16.9 (cont'd.)

Year	Farm Value					
	Cabbage	Carrots	Cauliflower	Cucumbers	Onions	Peas
	$ '000's					
1983	..	..	..	..	..	..
1982	8,229	10,383	9,023	9,990	9,645	11,156
1981	9,762	12,635	8,235	8,578	17,074	9,663
1980	8,676	7,955	9,682	7,768	14,519	9,087
1979	6,135	8,418	8,019	9,174	8,435	8,559
1978	8,042	11,686	5,95[illegible]	8,823	10,219	7,294
1977	5,503	6,525	3,676	8,616	5,621	7,512
1976	4,304	5,896	3,853	8,124	9,503	7,016
1975	4,433	4,525	3,681	8,364	9,591	8,826
1974	3,293	7,267	2,430	6,120	7,981	7,588
1973	3,661	3,747	1,910	4,117	6,510	3,860
1972	2,908	3,859	1,849	3,338	8,811	2,771
1971	2,212	2,925	1,537	4,069	3,128	2,720
1966	1,741	2,008	1,131	3,137	4,227	2,100
1961	1,146	2,186	761	1,307	3,490	2,653

Sources: CANSIM.
Statistics Canada, *Fruit and Vegetable Production*, *(22-003)*.

Note: See Table 16.8, note 3.

Table 16.10 **Production and Farm Value of Fruit, Ontario, Selected Years, 1961 to 1983**

	Production							
Year	Apples	Peaches	Pears	Cherries	Grapes	Plums, Prunes	Raspberries	Strawberries
				'000's tonnes				
1983	159.3	27.6	13.7	8.1	69.9	2.9	0.5	8.1
1982	159.0	23.5	12.1	7.9	58.7	3.9	0.5	9.4
1981	115.6	16.0	12.9	3.0	62.4	2.0	0.4	10.5
1980	171.3	29.4	18.9	11.6	62.3	4.3	0.5	10.6
1979	140.4	24.3	16.4	9.6	63.8	3.9	0.4	9.9
1978	142.7	28.6	14.9	6.3	67.6	2.6	0.3	9.9
1977	127.9	29.2	16.3	7.8	53.1	3.9	0.4	8.0
1976	116.0	34.9	6.2	4.3	69.2	2.4	0.3	6.7
1975	130.2	44.5	18.2	9.9	65.3	5.3	0.3	6.0
1974	124.5	38.1	15.0	8.9	61.4	3.0	0.4	5.0
1973	92.0	32.2	8.9	7.0	54.0	3.5	0.4	5.0
1972	125.3	28.7	21.2	11.0	47.3	5.2	0.5	5.2
1971	128.8	45.9	23.0	13.9	70.9	5.2	0.7	6.4
1966	116.8	36.3	21.6	10.8	52.4	6.1	0.6	4.4
1961	112.5	57.7	18.5	14.8	37.0	7.7	1.7	4.5

Table 16.10 (cont'd.)

	Farm Value							
Year	Apples	Peaches	Pears	Cherries	Grapes	Plums, Prunes	Raspberries	Strawberries
				$ '000's				
1983	..	..	..	..	..	..	..	..
1982	36,232	15,516	4,770	4,644	24,628	2,771	1,753	10,769
1981	36,119	9,847	4,960	3,653	23,585	1,135	1,301	9,984
1980	30,135	13,021	6,394	6,880	21,506	2,420	1,168	10,634
1979	33,516	11,280	5,487	9,569	19,720	1,987	885	9,031
1978	33,909	12,163	4,846	5,669	18,368	1,594	707	8,654
1977	27,442	9,690	3,772	4,745	13,080	1,274	695	7,196
1976	24,873	11,725	1,648	2,687	16,642	950	600	5,762
1975	15,931	11,065	3,843	3,806	16,727	1,537	534	4,986
1974	20,802	10,820	3,347	4,508	15,180	999	552	3,737
1973	21,492	8,198	1,565	3,256	11,452	1,146	537	3,334
1972	12,340	7,593	3,248	3,263	8,928	1,178	466	2,985
1971	8,953	8,940	3,061	4,093	12,465	958	568	3,067
1966	9,263	6,179	2,383	3,440	5,933	805	533	2,169
1961	6,304	5,565	1,495	3,223	4,060	664	1,027	1,750

Sources: CANSIM.
Statistics Canada, *Fruit and Vegetable Production*, (22-003).

Note: See Table 16.8, note 3.

Table 16.11 Livestock on Farms, Ontario, Selected Years, 1871 to 1983

Year	Cattle	Hogs	Sheep
		'000's	
1983	2,726	3,450	245
1982	2,762	3,320	247
1981	2,838	3,200	248
1980	2,885	3,284	240
1979	2,880	3,165	219
1978	2,835	2,510	184
1977	3,060	2,056	155
1976	3,130	1,950	136
1975	3,233	1,789	168
1974	3,260	1,930	195
1973	3,136	2,052	200
1972	3,102	2,157	209
1971	3,082	2,231	216
1966	3,137	1,936	265
1961	3,116	1,686	341
1956	2,902	1,548	394
1951	2,466	1,756	360
1941	2,640	1,882	662
1931	2,514	1,359	1,045
1921	2,634	1,386	979
1911	2,502	1,887	742
1901	2,488	1,563	1,047
1891	1,941	1,121	1,022
1881	1,702	701	1,359
1871	1,403	875	1,515

Sources: Statistics Canada, *Handbook of Agricultural Statistics, Part VI, (21-514).*
Livestock and Animal Products Statistics, (23-203).

Note: From 1871 to 1974 the figures are as of June 1; from 1975 to the current year the figures are as of July 1.

Table 16.12 Value of Ornamental Flower and Plant Sales, Ontario, 1975 to 1982

	Sales to						
Year	Retail Florists	Domestic Wholesalers	Mass-Market Chain Stores	Other Greenhouses	Exported Sales	Direct Sales to Public	Total
				$ '000's			
1982	28,990	43,280	9,835	7,317	5,164	26,139	120,724
1981	28,929	42,514	8,624	7,668	3,919	28,349	120,003
1980	29,699	34,098	7,474	7,407	2,167	27,181	108,026
1979	26,374	29,682	7,078	6,168	2,361	24,914	96,577
1978	23,457	24,831	5,766	6,047	1,479	25,827	90,348
1977	21,485	21,466	4,996	6,455	953	25,805	83,787
1976	22,896	24,448	..	5,891	880	21,881	77,643
1975	25,775	17,252	..	6,362	759	19,360	69,686

Source: Statistics Canada, *Greenhouse Industry, (22-202).*

Notes:
1. Direct Sales to Public includes roadside stands and owner-owned retail outlets.
2. The totals for the following years include figures for unspecified amounts as follows: 1978 - $2,940,281, 1977 - $2,627,779, 1976 - $1,647,117, 1975 - $178,389.
3. In 1975 and 1976 the value of Sales to Mass-Market Chain Stores is included in Sales to Domestic Wholesalers.

Table 16.13 Production and Disposition of Eggs, Ontario, 1971 to 1982

Year	Production		Sold for Consumption		Sold for Hatching		Producer Use for Consumption	
	'000's dozens	$ '000's	'000's dozens	$ '000's	'000's dozens	$ '000's	'000's dozens	$ '000's
1982	198,109	182,166	185,053	159,797	10,875	20,337	2,181	2,032
1981	196,920	187,363	183,940	163,829	10,784	21,460	2,196	2,074
1980	197,893	163,432	184,546	143,872	11,114	17,671	2,233	1,889
1979	186,926	139,236	174,252	122,465	10,262	14,880	2,412	1,891
1978	184,756	123,776	172,375	107,802	9,874	14,121	2,507	1,853
1977	180,765	118,577	168,937	105,078	9,398	11,749	2,430	1,750
1976	176,404	114,793	164,893	101,574	9,332	12,132	2,179	1,500
1975	183,802	104,403	172,518	91,232	8,946	11,719	2,338	1,452
1974	195,129	113,028	182,951	101,292	9,725	10,211	2,453	1,525
1973	194,118	107,761	181,093	96,331	10,576	10,048	2,449	1,382
1972	192,376	67,537	179,126	58,298	10,331	8,161	2,919	1,078
1971	192,618	57,121	179,437	48,575	10,079	7,561	3,102	985

Source: Statistics Canada, *Production of Poultry and Eggs*, (23-202).

Note: Production and Sold for Consumption include exports.

Table 16.14 Milk Production, Ontario, 1978 to 1982

Year	Industrial Purposes Delivered as		Fluid Purposes	Total
	Milk	Cream		
	'000's kilolitres			
1982	1,468.0	96.0	984.7	2,548.7
1981	1,398.5	90.3	1,000.3	2,489.1
1980	1,378.1	88.5	1,000.6	2,467.2
1979	1,296.7	90.5	999.4	2,386.6
1978	1.282.3	99.3	988.9	2,370.5

Sources: CANSIM.
Statistics Canada, *The Dairy Review*, (23-001).

Notes: 1. Cream refers to farm-separated cream expressed in terms of milk equivalent.
2. Fluid Purposes refers to consumption as 2% milk, skim milk, etc.

Table 16.15 Cash Receipts for Milk Sold Off Farms, Ontario, 1978 to 1982

Year	Industrial Purposes Delivered as		Fluid Purposes	Supplementary Payments	Contingency Levy	Total
	Milk	Cream				
	$ '000's					
1982	440,810	14,697	415,809	87,250	...	958,566
1981	376,050	12,578	412,105	90,240	4,668	895,641
1980	326,635	11,129	358,299	80,364	13,656	790,083
1979	267,768	9,881	317,871	78,192	8,069	681,781
1978	232,397	...	292,116	81,444	...	605,957

Sources: CANSIM.
Statistics Canada, *The Dairy Review*, (23-001).

Note: 1. See notes, Table 16.14.

Table 16.16 Farm Bankruptcies, Ontario and Other Regions of Canada, 1979 to 1983

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
1983	165	17	125	181	488	33.8
1982	176	8	143	83	410	42.9
1981	140	8	54	59	261	53.6
1980	123	7	44	48	222	55.4
1979	65	5	14	41	125	52.0

Source: Consumer and Corporate Affairs Canada, Bankruptcy Branch.

Table 16.17 Farm Tax Reduction Program Rebates, Ontario, 1970 to 1983

Year	Properties Eligible	Total Rebates
	#	$'000's
1983	120,041	60,683.4
1982	143,521	65,973.5
1981	145,888	60,813.1
1980	152,241	54,921.6
1979	158,034	52,545.7
1978	128,889	40,202.0
1977	148,788	42,430.2
1976	175,607	44,669.2
1975	163,191	35,648.1
1974	160,545	29,791.5
1973	158,264	28,113.3
1972	230,678	17,929.2
1971	227,628	15,870.4
1970	224,064	15,880.8

Source: Ministry of Municipal Affairs and Housing, Subsidies Branch.

Notes:
1. The program offers property taxation relief for owners of productive farmland.
2. The Farm Tax Reduction Program began in 1970. For the first three years (1970 to 1972), the rebate was based on 25% of eligible farm taxes. In 1973, the amount was increased to 50%.

Chapter 17
Fishing and Trapping

Fishing and Trapping

The fishing and trapping industries play a relatively minor role in the Ontario economy, accounting for much less than one-tenth of one per cent of gross domestic product. Even so, these industries are of considerable local importance in a number of communities, particularly in northern Ontario.

Government responsibilities in these areas include resource management and development and the promotion of trade opportunities. The Ontario Ministry of Natural Resources administers fisheries in Ontario under the authority of various federal and Provincial acts and is responsible for wildlife management in the Province, with the aim of optimizing recreational and commercial opportunities. The federal government administers wildlife resources on Crown land.

This chapter covers data on:

- commercial fishing, including the operation of fish farms and services incidental to fishing;
- commercial hunting and trapping of wild animals for furs and skins and other purposes;
- fur farms.

Information on recreational hunting and fishing is included in Chapter 26, Recreation.

Sources of Data

The major sources of data on these industries are:

- gross domestic product estimates generated by Statistics Canada;
- returns collected from commercial fishermen by the Ministry of Natural Resources;
- administrative data related to wild fur harvests collected by the Ministry of Natural Resources;
- a survey of fox and mink farms carried out jointly by Statistics Canada and the Ministry of Agriculture and Food.

Gross domestic product estimates for fishing and for hunting and trapping are generated by the Industry Product Division of Statistics Canada. The estimates for fishing do not include fish hatcheries or fishery inspection and protection services. For a more detailed discussion of the concept of gross domestic product by industry, see Chapter 10, Economic Overview.

The Ministry of Natural Resources collects monthly harvest reports from commercial fishermen, as well as annual reports covering employment, investment and value of capital. The data are published as a supplement to the Ministry's *Annual Report* entitled *Statistics*. For additional information, contact the Fisheries Branch, telephone Toronto, 965-7885. Other information on the fishing industry appears in an annual publication of the federal Department of Fisheries and Oceans entitled *Annual Statistics Review: Canadian Fisheries*.

Data on the wild fur harvest by species and value are collected by the Ministry of Natural Resources from reports by field officers and fur dealers. The information is published in *Statistics* and in Statistics Canada's annual publication *Fur Production*, *(23-207)*. Further information can be obtained from the Wildlife Branch, telephone Toronto, 965-3345.

Statistics Canada, in co-operation with the Ontario Ministry of Agriculture and Food, conducts an annual survey of fox and mink farms. The results are published by Statistics Canada in *Report on Fur Farms*, *(23-208)*. Data on the wild fur harvest refer to a wildlife year ending June 30, while fur farm data are based on calendar years. Further information on fur farming is available from the Ministry of Agriculture and Food, Veterinary Laboratory Services Branch, telephone Guelph, 823-5700 or from the Agriculture Statistics Division of Statistics Canada, telephone Ottawa, 990-8714.

Other possible sources of information include trade associations such as the Ontario Trappers Association, telephone North Bay, 472-5850, and the Canada Mink Breeders Association, telephone Toronto, 675-9400.

Fishing and Trapping

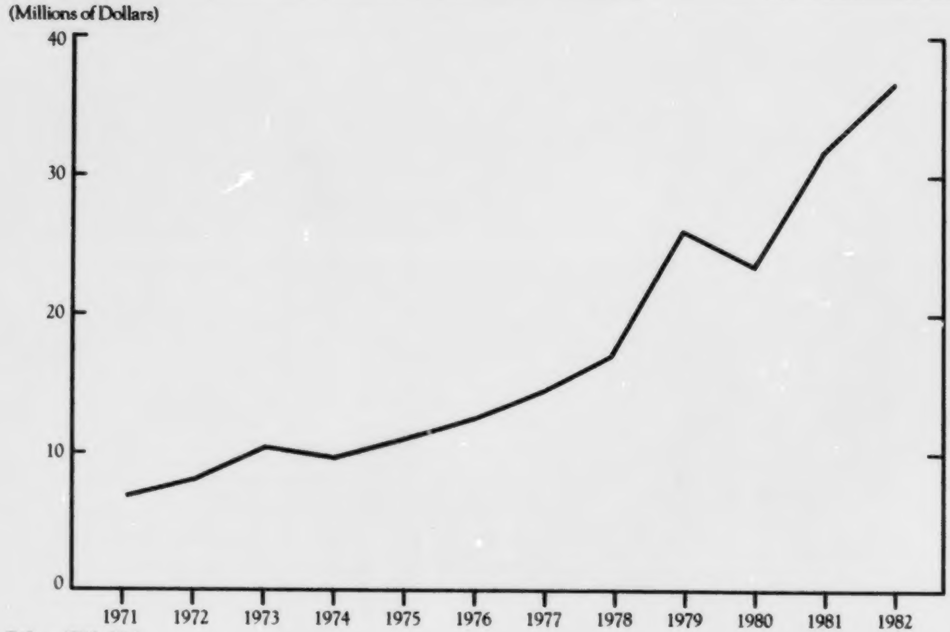
Charts:

17.1 Commercial Fish Harvest, Ontario, 1971 to 1982
17.2 Value of Commercial Fish Harvest by Selected Species, Ontario, 1982
17.3 Value of Wild Fur Harvest by Selected Types, Ontario, 1982
17.4 Fur Farms in Ontario, 1971 to 1982

Tables:

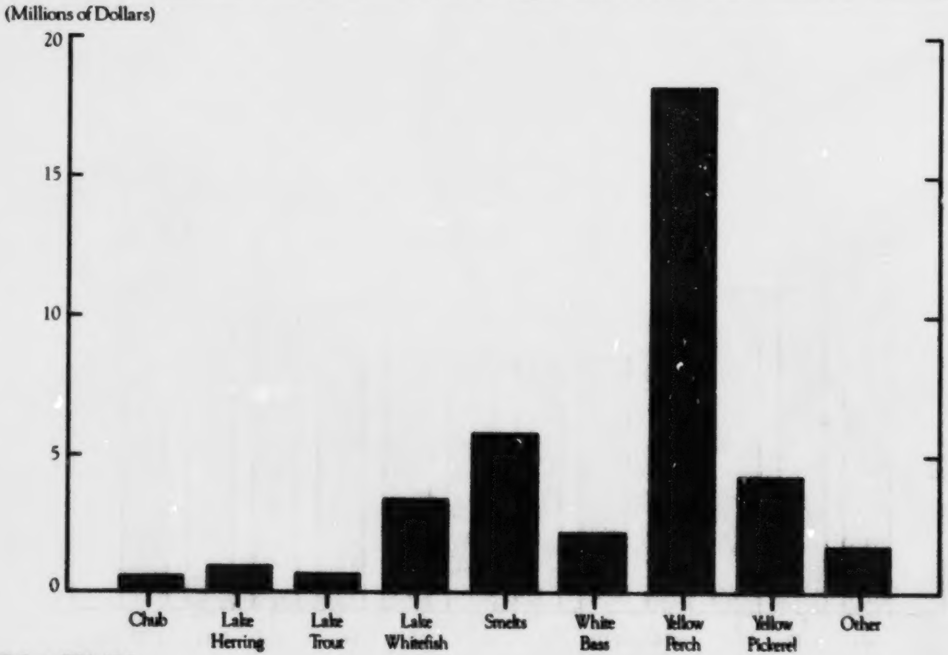
17.1 Gross Domestic Product: Fishing, Hunting and Trapping, Ontario, 1971 to 1981
17.2 Commercial Fish Harvest, Ontario, Selected Years, 1951 to 1982
17.3 Commercial Fish Harvest by Species, Ontario, 1982
17.4 Commercial Fishing Licences, Ontario, Selected Years, 1951 to 1982
17.5 Employment and Investment in Commercial Fishing, Ontario, 1971 to 1982
17.6 Investment in Commercial Fishing by Type, Ontario, 1982
17.7 Wild Fur Harvest, Ontario, 1970/71 to 1981/82
17.8 Wild Fur Harvest by Type, Ontario, 1981/82
17.9 Ranch Raised Fox and Mink Pelts, Ontario, 1971 to 1982

Chart 17.1 Commercial Fish Harvest, Ontario, 1971 to 1982



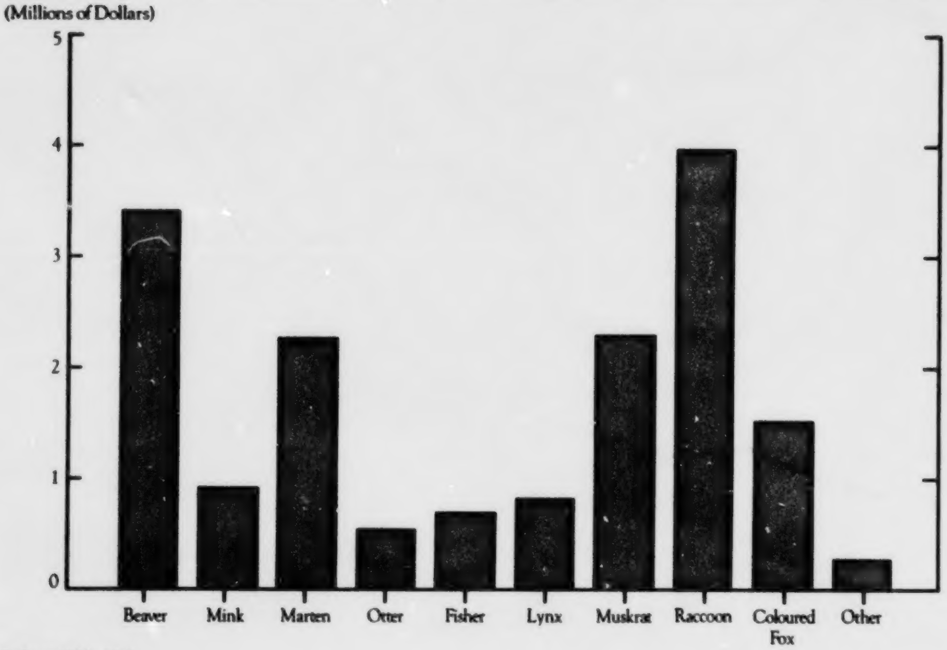
Refer to Table 17.2

Chart 17.2 Value of Commercial Fish Harvest by Selected Species, Ontario, 1982



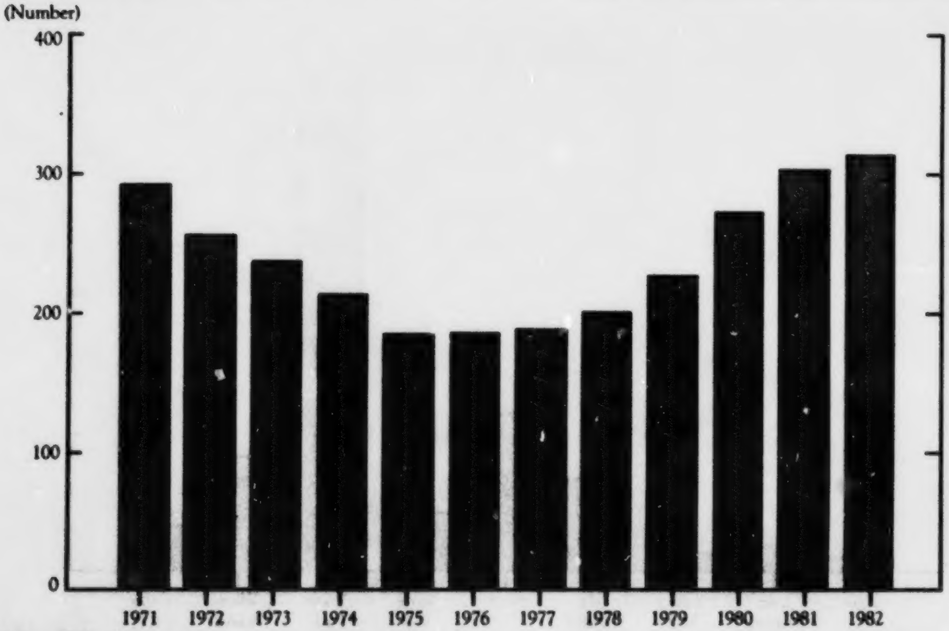
Refer to Table 17.3

Chart 17.3 Value of Wild Fur Harvest by Selected Types, Ontario, 1982



Refer to Table 17.8

Chart 17.4 Fur Farms in Ontario, 1971 to 1982



Refer to Table 17.9

Table 17.1 Gross Domestic Product: Fishing, Hunting and Trapping, Ontario, 1971 to 1981

Year	Fishing	Hunting & Trapping	Total	% of Total G.D.P.
		$ millions		
1981	22.2	12.8	35.0	.03
1980	16.5	15.2	31.7	.03
1979	18.1	14.9	33.0	.04
1978	12.4	10.3	22.7	.03
1977	9.9	7.2	17.1	.02
1976	8.3	6.1	14.4	.02
1975	6.8	4.3	11.1	.02
1974	6.4	4.8	11.2	.02
1973	7.6	5.7	13.3	.03
1972	5.6	3.9	9.5	.02
1971	4.7	2.3	7.0	.02

Sources: Statistics Canada, *Provincial Gross Domestic Product By Industry, (61-202).*
Provincial Economic Accounts, (13-213).

Table 17.2 Commercial Fish Harvest, Ontario, Selected Years, 1951 to 1982

Year	Harvest	Total Value
	tonnes	$ '000's
1982	34,109.5	36,788
1981	28,071.1	31,767
1980	26,776.8	23,483
1979	25,136.2	26,060
1978	25,411.9	17,161
1977	23,529.1	14,555
1976	18,644.8	12,513
1975	20,576.2	11,053
1974	24,142.8	9,654
1973	24,064.3	10,376
1972	19,593.3	8,118
1971	19,410.0	6,951
1966	21,021.2	5,995
1961	24,926.6	5,746
1956	27,087.0	7,928
1951	14,048.6	7,044

Source: Ministry of Natural Resources, Fisheries Branch.

Table 17.3 Commercial Fish Harvest by Species, Ontario, 1982

	Harvest	Total Value
	tonnes	$ '000's
Bullfin	13.2	4
Bullhead	205.0	213
Burbot (Ling)	81.2	4
Carp	159.7	59
Catfish	96.2	99
Caviar	..	..
Chub (Deepwater Cisco)	310.7	516
Coho	26.8	52
Eel	31.8	39
Freshwater Drum (Sheepshead)	232.2	34
Goldeye	..	...
Lake Herring (Cisco)	1,130.8	877
Lake Trout	259.9	607
Lake Whitefish	1,779.0	3,304
Northern Pike	323.9	375
Rock Bass & Crappie	58.1	109
Round Whitefish (Menominee)	35.4	27
Sauger	28.1	43
Smelt	19,808.3	5,641
Sturgeon	20.0	107
Splake	40.8	110
Sucker (Mullet)	630.9	150
Sunfish	130.6	126
White Bass	1,591.2	2,085
White Perch	39.5	26
Yellow Perch	5,002.2	18,087
Yellow Pickerel	1,379.4	4,079
Animal Food (Unclassified)	694.9	15
Total	34,109.5	36,788

Source: Ministry of Natural Resources, Statistics.

Note: Caviar is included in Sturgeon.

Table 17.4 Commercial Fishing Licences, Ontario, Selected Years, 1951 to 1982

Year	Food-Fish Harvesting		Bait-Fish Harvesting		Dealers & Preservers		Total	
	Licences	Revenue	Licences	Revenue	Licences	Revenue	Licences	Revenue
	#	$ '000's	#	$ '000's	#	$ '000's	#	$ '000's
1982	1,068	74.8	1,694	53.1	1,981	22.8	4,743	150.7
1981	1,047	73.3	1,712	52.2	2,003	22.8	4,762	148.3
1980	1,039	60.8	1,728	42.5	1,982	19.2	4,749	122.5
1979	1,093	56.9	1,549	37.8	1,905	18.5	4,547	113.1
1978	1,048	56.1	1,679	39.5	1,931	18.8	4,656	114.4
1977	1,056	53.8	1,605	35.9	1,829	17.8	4,470	107.5
1976	1,086	53.3	1,595	33.3	1,860	18.1	4,541	104.6
1975	1,121	52.2	1,590	32.0	1,702	16.5	4,413	100.7
1974	1,116	51.0	1,623	33.7	1,942	18.9	4,681	103.6
1973	1,149	52.9	1,611	32.9	1,979	19.2	4,739	105.1
1972	1,204	51.1	1,612	31.7	1,996	19.4	4,812	102.2
1971	1,267	53.6	1,607	30.5	1,939	18.8	4,813	102.8
1966	1,882	..	1,977	..	1,517	14.6	5,316	..
1961	1,784	..	2,181	..	598	5.5	4,563	..
1956	1,825	..	1,457	..	188	1.9	3,470	..
1951	1,911	..	983	..	..	..	2,894	..

Source: Ministry of Natural Resources, Fisheries Branch.

Notes: 1. Harvesting licences are licences to catch fish.
2. Dealer and preserver licences are licences to buy and sell bait-fish and to preserve bait-fish, respectively.

Table 17.5 Employment and Investment in Commercial Fishing, Ontario, 1971 to 1982

Year	Employment	Capital Investment New	Capital Investment Total
	#	$ '000's	
1982	2,106	3,655	57,345
1981	2,043	5,447	54,676
1980	1,964	3,714	41,481
1979	1,997	2,834	33,950
1978	2,231	2,446	27,056
1977	2,213	2,115	24,171
1976	2,171	1,806	21,651
1975	2,220	1,557	18,253
1974	2,208	1,438	16,779
1973	2,215	1,235	14,131
1972	2,097	1,179	12,972
1971	1,999	1,142	12,397

Source: Ministry of Natural Resources, *Statistics*.

Note: Total investment consists of value of fishing boats, fishing gear, shore installations and new capital investment.

Table 17.6 Investment in Commercial Fishing by Type, Ontario, 1982

	Quantity	Total Value
	#	$ '000's
Fishing Boats		
12.2 m & over	238	25,629.5
6.1 m to 11.9 m	272	2,794.6
Under 6.1 m	708	1,110.0
Fishing Gear		
Gill Nets	...	9,484.6
Pound Nets	269	295.5
Trap Nets	732	1,061.0
Hoop Nets	1,504	561.9
Seine Nets	...	95.4
Night Lines	54,320	35.1
Dip Nets	80	1.2
Trawl Nets	314	660.1
Trammel Nets	...	4.5
Shore Installations		
Freezers & Icehouses	322	5,736.1
Piers & Wharves	277	1,326.5
Net Sheds	482	4,819.9
Miscellaneous	..	74.0
New Capital Investment		
Engines	..	566.8
Hulls	..	1,168.7
Fishing Gear	..	1,533.2
Wheelhouse Equipment	..	355.2
Other Equipment	..	31.3
Total Investment	...	57,345.1

Source: Ministry of Natural Resources, *Statistics*.

Notes: 1. Gill, seine and trammel nets are reported in thousands of metres, not numbers. (12,735.4, 7.8 and 1.2 respectively).
2. New capital investment comprises engines, hulls, fishing gear, wheelhouse equipment and other equipment.

Table 17.7 Wild Fur Harvest, Ontario, 1970/71 to 1981/82

Year	Total Trapped	Harvest Value
	'000's	$ '000's
1981/82	882.8	16,660.2
1980/81	980.1	18,965.6
1979/80	1,070.4	24,407.1
1978/79	929.2	20,234.4
1977/78	775.6	11,284.0
1976/77	844.0	11,073.5
1975/76	685.8	7,998.7
1974/75	763.6	6,410.2
1973/74	815.9	8,127.2
1972/73	..	7,033.9
1971/72	..	4,763.8
1970/71	..	2,909.4

Source: Ministry of Natural Resources, *Statistics*.

Notes: 1. Data are for year ending June 30.
2. Harvest value = average pelt value at auction × number trapped.

Table 17.8 Wild Fur Harvest by Type, Ontario, 1981/82

	Average Pelt Value	Total Trapped	Harvest Value
	$	#	$ '000's
Beaver	24	143,352	3,398.9
Mink	30	30,372	908.1
Marten	37	60,705	2,271.0
Otter	56	9,506	532.5
Fisher	187	3,717	695.6
Lynx	278	2,913	809.5
Bobcat	123	30	3.7
Muskrat	5	435,741	2,300.7
Raccoon	26	150,932	3,962.0
Red Squirrel	1	8,693	5.7
Weasel	1	6,314	6.1
Coloured Fox	60	25,462	1,521.1
Arctic Fox	24	217	5.2
Timber Wolf	69	1,311	90.4
Coyote	43	2,784	120.4
Black Bear	37	230	8.4
Wolverine	177	22	3.9
Skunk	4	425	1.8
Grey Fox	32	2	—
Polar Bear	534	28	15.0
Badger	28	2	—
Opossum	5	3	—
Total	...	882,761	16,660.2

Source: Ministry of Natural Resources, Wildlife Branch.

Notes: 1. Data are for year ending June 30.
2. Harvest value = average pelt value at auction × number trapped.

Table 17.9 Ranch Raised Fox and Mink Pelts, Ontario, 1971 to 1982

Year	Fur Farms	Mink		Fox	
		Pelts	Value	Pelts	Value
	#	#	$ '000's	#	$ '000's
1982	312	548,258	16,831	2,583	421
1981	301	577,679	19,779	2,203	441
1980	271	508,541	19,930	2,225	610
1979	225	466,300	22,546	1,323	478
1978	200	453,441	20,033	1,281	657
1977	187	420,743	12,223	1,269	381
1976	184	414,058	11,697	1,122	262
1975	183	418,287	9,206	931	191
1974	212	473,321	7,516	950	100
1973	235	431,572	7,738	679	67
1972	253	414,139	6,763	642	43
1971	290	438,650	5,558	583	23

Source: Ministry of Agriculture and Food, Veterinary Services Branch.

Note: Value = average pelt price at auction × number of pelts

Chapter 18
Forest Industries

Forest Industries

The forest industries form a large and important industrial group in Ontario, employing almost 80,000 people and representing about 2.5% of gross domestic product. Ontario accounts for almost one-quarter of total Canadian forest product shipments. The paper and allied industries are the largest component of Ontario's forest industries, providing more than 70% of total output. The forest industries are particularly important in Northern Ontario where they are a major source of employment for many communities.

The Ontario Ministry of Natural Resources is responsible for a number of forestry programs including the administration of Crown timber allocations to private industry, forest renewal, fire management, nurseries, research and mapping, provision of access roads and participation in federal-Provincial investment incentives and other co-operative programs. Most of the productive forest area in Ontario is Crown land owned by the Province, of which large portions are licensed to private forest product companies. The federal government plays a more limited role, operating through such agencies as the Canadian Forestry Service of Environment Canada and the Department of Regional Industrial Expansion.

This chapter includes data on:

- logging production of roundwood;
- transportation of roundwood using specialized methods and equipment;
- forestry services;
- manufactured wood products including the output of sawmills, planing mills, shingle mills, veneer and plywood mills, other millwork, wooden box factories, coffins and casket makers and other miscellaneous wood products;
- paper and allied industries including pulp and paper, asphalt roofing, other converted paper and paper boxes and bags.

Information on manufacturers of wood furniture is included in Chapter 20, Manufacturing, while statistics on forest resources and their management are shown in Chapter 1, Natural Resources.

Sources of Data

The major sources of information on these industries are:

- gross domestic product estimates by Statistics Canada;
- the Census of Forestry and the Census of Manufactures conducted by Statistics Canada;
- the Ministry of Natural Resources' annual Mill Licence Returns Survey.

Estimates of gross domestic product for logging and forestry and the related industries of manufactured wood products and paper and allied products are produced by the Industry Product Division of Statistics Canada. For a more complete discussion of gross domestic product, see Chapter 10, Economic Overview.

The Census of Forestry is an annual survey of all large establishments in logging and forestry, supplemented by administrative tax records for smaller firms with salary and wage payments and shipments of less than $100,000. The Census of Manufactures, covering firms in the wood products and paper and allied products industries, is discussed in Chapter 20, Manufacturing.

Statistics Canada's publication entitled *Canadian Forestry Statistics, (25-202),* and related annual reports on logging and various forest products industries include information on principal statistics, production, shipments, and commodity detail. Monthly data are also available for certain manufactured products. Primary forest production figures are considered estimates because they are not obtained from the Census of Forestry but rather from a variety of sources including monthly Statistics Canada surveys and provincial forestry agencies. Aggregate data are available from CANSIM. For additional information contact the Manufacturing and Primary Industries Division of Statistics Canada, telephone Ottawa, 990-9826.

Ontario forest industries data are also published annually by the Ministry of Natural Resources in *Ontario Forest Industry Statistical Reports*. Differences in production figures between Statistics Canada's and Ministry of Natural Resources' publications are the result of differences in survey coverage. Statistics Canada makes estimates for smaller mills from administrative data, while the MNR survey involves total industry coverage. The Ministry also produces a variety of information reports and bulletins on the forest industry. Additional information can be obtained from the Forest Resources Group, Ministry of Natural Resources, telephone Toronto, 965-2787.

Additional logging and forestry information may also be obtained from the Canadian Forestry Service of Environment Canada, telephone Ottawa, 997-3350, the Canadian Pulp and Paper Association, telephone Montreal, 866-6621, and the Ontario Forest Industries Association, telephone Toronto, 493-4565.

Forest Industries

Charts:

18.1 Gross Domestic Product: Forestry, Wood, Paper and Allied Industries, Ontario, 1971 to 1981
18.2 Shipments of Selected Wood Products, Ontario, 1971 to 1981

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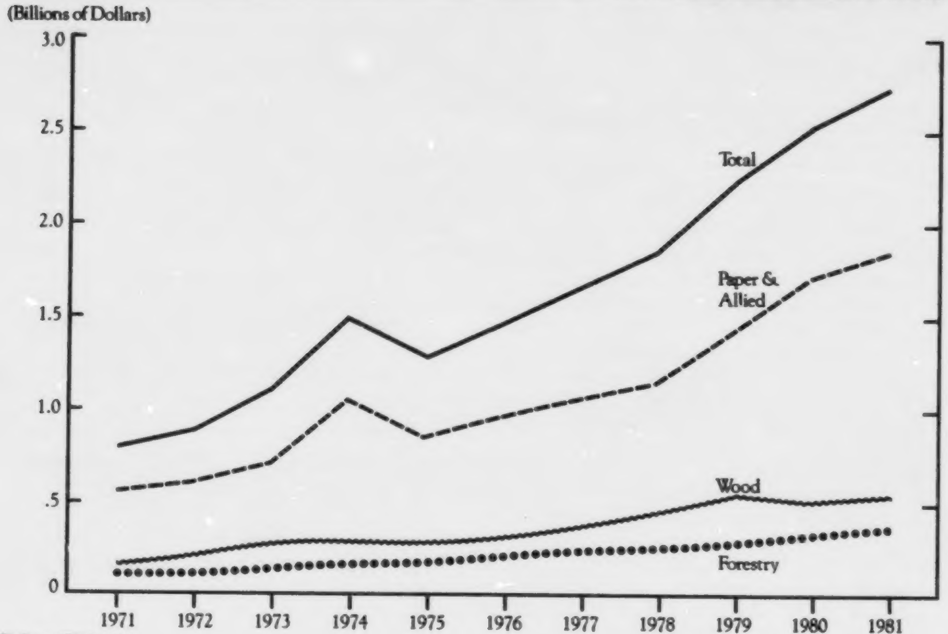
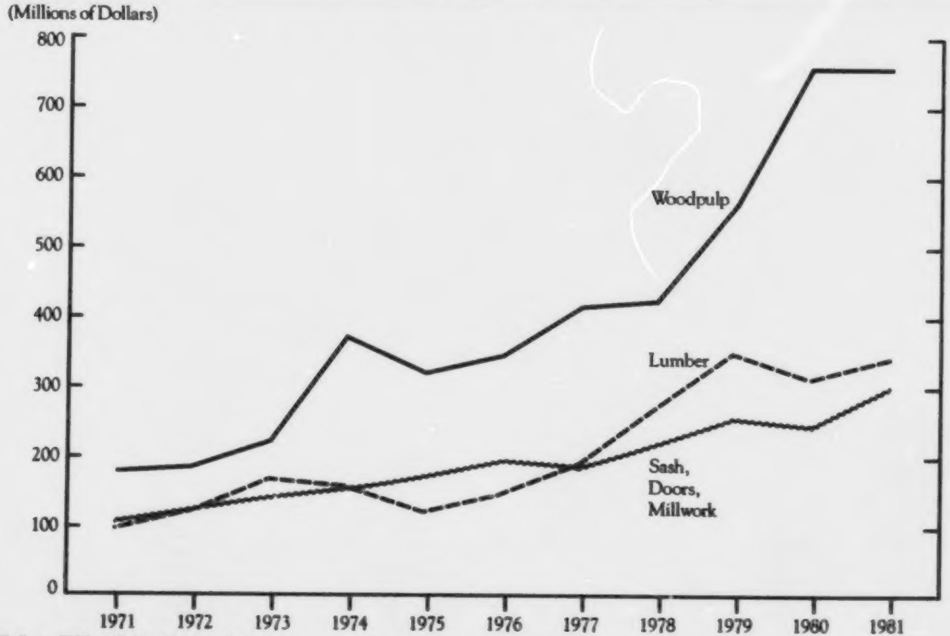
18.19 Mill Shipments of Basic Paper and Paperboard, Ontario and Other Regions of Canada, 1971 to 1981
18.20 Shipments from Miscellaneous Wood, Paper and Allied Industries, Ontario and Other Regions of Canada, 1981

Chart 18.1 Gross Domestic Product: Forestry, Wood, Paper and Allied Industries, Ontario, 1971 to 1981



Refer to Table 18.1

Chart 18.2 Shipments of Selected Wood Products, Ontario, 1971 to 1981



Refer to Tables 18.11, 18.15 and 18.18

Table 18.1 Gross Domestic Product: Forestry, Wood, Paper and Allied Industries, Ontario, 1971 to 1981

Year	Forestry	Wood	Paper & Allied Industries	Total	% of Total GDP
		$ millions			
1981	355.1	532.6	1,850.9	2,738.6	2.4
1980	329.8	486.3	1,720.7	2,536.8	2.5
1979	272.9	536.4	1,436.8	2,246.1	2.5
1978	257.6	437.2	1,149.9	1,844.7	2.3
1977	236.7	364.6	1,063.7	1,665.0	2.3
1976	192.8	301.3	964.7	1,458.8	2.2
1975	166.0	269.7	842.5	1,278.2	2.2
1974	164.2	285.1	1,045.2	1,494.5	2.8
1973	126.5	261.3	711.8	1,099.6	2.5
1972	107.6	185.7	592.9	886.2	2.3
1971	100.4	143.8	541.5	785.7	2.3

Sources: Statistics Canada, *Provincial Gross Domestic Product by Industry*, (61-202).
Provincial Economic Accounts, (13-213).

Note: Forestry includes logging and forestry services.

Table 18.2 Principal Statistics of the Forest Industries, Ontario, 1981

		Total Activity		Manufacturing Activity			
	Establishments	Employees	Salaries & Wages	Cost of Fuel & Electricity	Cost of Materials & Supplies	Value of Shipments	Value Added
	#	'000's			$ millions		
Logging	418	9.0	230.1	30.6	381.4	717.9	319.2
Wood Industries							
Saw Mills & Planing Mills	235	6.6	123.6	20.4	305.5	521.4	197.5
Veneer & Plywood Mills	18	2.2	36.6	3.9	66.8	120.2	50.7
Sash, Door & Other Millwork Plants	322	7.1	111.9	6.1	220.0	428.8	210.1
Wooden Box Factories	89	2.1	35.4	1.7	72.8	135.1	60.5
Coffin & Casket Industry	8	0.2	2.8	0.1	3.5	7.0	3.7
Misc. Wood Industries	102	2.8	52.8	11.5	123.4	223.6	91.5
Total	774	21.0	363.0	43.7	791.9	1,436.1	614.0
Paper & Allied Industries							
Pulp & Paper Mills	36	22.8	570.5	294.1	1,290.9	2,847.8	1,274.2
Asphalt Roofing Manufacturers	5	0.5	8.5	1.8	64.1	102.7	33.2
Misc. Paper Converters	133	11.1	216.7	13.2	617.0	1,025.5	402.3
Folding Carton & Set-up Manufacturers	65	4.2	78.8	3.0	197.8	342.7	143.0
Corrugated Box Manufacturers	57	5.7	113.5	8.1	342.3	524.6	174.1
Paper & Plastic Bag Manufacturers	46	3.0	56.9	4.5	190.7	286.4	94.8
Total	342	47.4	1,044.8	324.8	2,702.8	5,129.8	2,121.6

Sources: Statistics Canada, *Canadian Forestry Statistics*, (25-202).
Miscellaneous Paper Converters Including Asphalt Roofing Manufacturers, (36-215).
Miscellaneous Wood Industries, (35-208).
Paper Box and Bag Manufactuers, (36-216).
Sash, Door and Other Millwork Plants, (35-205).

Notes: 1. With the exception of Logging, Value of Shipments refers to shipments of goods of own manufacture.
2. Sash, Door & Other Millwork Plants includes manufactures of prefabricated building materials and wooden kitchen cabinets.
3. For small establishments the cost of fuel and electricity is included in the cost of materials and supplies.

Table 18.3 **Principal Statistics of the Logging Industry, Ontario and Other Regions of Canada, 1971 to 1981**

		Total Activity		Manufacturing Activity			
Year	Establishments	Employees	Salaries & Wages	Cost of Fuel & Electricity	Cost of Materials & Supplies	Value of Shipments	Value Added
	#	'000's			$ millions		
1981							
Ontario	418	9.0	230.1	30.6	381.4	717.9	319.2
Atlantic	453	6.4	121.0	18.2	259.9	463.6	190.8
Quebec	528	11.3	253.8	40.1	465.9	841.7	391.6
West	1,877	21.7	587.0	70.0	1,336.7	2,406.5	955.5
Canada	3,276	48.4	1,191.9	158.9	2,443.9	4,429.7	1,857.0
Ontario % of Canada	12.8	18.6	19.3	19.3	15.6	16.2	17.2
Ontario							
1980	391	9.6	215.7	24.1	365.3	668.0	316.8
1979	321	9.7	197.3	17.1	306.1	588.6	276.6
1978	255	9.6	179.8	15.0	244.9	505.0	251.3
1977	246	8.4	153.3	12.5	188.3	435.3	229.3
1976	269	7.7	126.9	11.0	153.5	353.9	195.3
1975	328	8.0	111.9	9.7	150.1	302.7	174.1
1974	380	9.7	121.5	11.3	150.4	326.2	186.7
1973	400	9.0	98.7	8.1	113.8	254.8	144.2
1972	393	7.8	81.9	6.3	105.0	234.1	116.8
1971	408	8.1	74.8	4.9	94.5	206.6	106.0

Source: Statistics Canada, *Canadian Forestry Statistics, (25-202).*

Notes: 1. The logging industry includes establishments primarily engaged in felling and bucking, bunching, yarding, forwarding, decking and loading of round wood and establishments primarily engaged in the recovery of lost logs including sinkers. Also included are establishments primarily engaged in transporting wood with specialized logging trucks and in driving, booming, sorting, rafting and towing of wood, if not licensed as public carriers – as well as barking mills, engaged in producing barked or rossed pulpwood.

2. See Table 18.2, note 3.

Table 18.4 **Principal Statistics of the Wood Industries, Ontario and Other Regions of Canada, 1971 to 1981**

		Total Activity		Manufacturing Activity			
Year	Establishments	Employees	Salaries & Wages	Cost of Fuel & Electricity	Cost of Materials & Supplies	Value of Shipments	Value Added
	#	'000's			$ millions		
1981							
Ontario	774	21.0	363.0	43.7	791.9	1,436.1	614.0
Atlantic	376	6.2	90.5	14.8	222.4	371.2	131.2
Quebec	1,132	28.0	443.9	55.8	896.5	1,740.9	794.1
West	1,112	57.4	1,389.0	114.9	2,890.8	4,893.6	1,839.3
Canada	3,394	112.6	2,286.4	244.6	4,801.7	8,441.8	3,378.7
Ontario % of Canada	22.8	18.7	15.9	17.9	16.5	17.0	18.2
Ontario							
1980	778	21.3	328.8	33.5	712.1	1,275.9	554.2
1979	761	22.9	320.1	31.1	690.8	1,319.6	620.4
1978	707	21.9	279.3	27.7	541.7	1,078.0	511.1
1977	645	20.1	242.6	22.7	447.3	870.0	404.7
1976	683	19.9	212.3	17.6	386.9	743.3	336.4
1975	726	19.3	185.8	13.0	340.0	638.4	300.5
1974	740	20.5	176.5	13.1	314.5	631.1	323.7
1973	727	20.7	154.1	10.7	271.3	580.8	304.5
1972	733	18.6	124.5	7.9	222.3	449.7	218.7
1971	733	16.8	105.1	6.8	178.9	360.4	169.9

Source: Statistics Canada, *Canadian Forestry Statistics, (25-202).*

Notes 1. The wood industries include saw and planing mills, shingle mills, veneer and plywood mills, sash, door and other millwork plants, wooden box factories, coffin and casket industry, and miscellaneous wood industries.

2. See Table 18.2, notes 1 and 3.

3. For Cost of Fuel & Electricity, Atlantic excludes Prince Edward Island and West excludes Manitoba, Alberta, Yukon and Northwest Territories, due to confidentiality. These are reflected in the Canada total.

Table 18.5 Principal Statistics of the Paper and Allied Industries, Ontario and Other Regions of Canada, 1971 to 1981

		Total Activity		Manufacturing Activity			
Year	Establishments	Employees	Salaries & Wages	Cost of Fuel & Electricity	Cost of Materials & Supplies	Value of Shipments	Value Added
	#	'000's			$ millions		
1981							
Ontario	342	47.4	1,044.8	324.8	2,702.8	5,129.8	2,121.6
Atlantic	41	3.3	73.6	46.3	145.7	428.0	241.0
Quebec	232	45.0	1,059.0	457.2	2,357.7	5,199.9	2,416.2
West	143	25.5	719.2	282.9	1,760.0	3,581.1	1,568.2
Canada	758	131.0	3,145.7	1,299.3	7,594.7	15,729.4	6,943.9
Ontario % of Canada	45.1	36.2	33.2	25.0	35.6	32.6	30.6
Ontario							
1980	349	47.9	926.8	279.5	2,368.7	4,599.0	1,973.5
1979	334	46.2	827.1	252.6	2,007.8	3,872.2	1,643.4
1978	319	45.2	747.4	228.8	1,616.3	3,145.7	1,307.5
1977	287	43.5	681.1	197.2	1,440.0	2,826.6	1,193.0
1976	301	45.6	612.5	145.4	1,291.5	2,459.7	1,051.0
1975	302	45.2	497.1	93.3	1,065.0	2,126.4	958.5
1974	294	47.4	512.8	93.7	1,175.9	2,429.7	1,199.1
1973	289	45.4	436.5	75.1	861.2	1,748.3	805.7
1972	300	44.6	395.8	69.2	753.5	1,484.0	664.4
1971	289	43.9	359.2	64.1	697.1	1,367.4	607.6

Source: Statistics Canada, *Canadian Forestry Statistics, (25-202).*

Notes: 1. Paper and allied industries include pulp and paper mills, asphalt roofing, paper box and bag manufacturers and miscellaneous paper converters.

2. See Table 18.2, notes 1 and 3.

3. Except for number of establishments, Atlantic excludes Newfoundland and New Brunswick, and West excludes Saskatchewan, due to confidentiality. These are reflected in the Canada total.

Table 18.6 Primary Forest Production, Ontario and Other Regions of Canada, 1971 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's cubic metres			
1981	22,808	14,682	34,234	72,848	144,572	15.8
1980	21,322	16,004	31,687	86,367	155,380	13.7
1979	21,294	15,843	35,736	88,097	160,970	13.2
1978	20,187	15,113	34,079	85,723	155,102	13.0
1977	19,270	13,712	31,064	80,736	144,781	13.3
1976	16,743	13,442	29,059	79,599	138,843	12.1
1975	14,215	13,065	28,407	59,574	115,263	12.3
1974	18,868	16,180	32,712	70,169	137,929	13.7
1973	18,446	15,588	29,350	80,422	143,806	12.8
1972	17,361	13,025	27,827	65,917	124,130	14.0
1971	15,839	12,677	26,581	64,605	119,702	13.2

Source: Statistics Canada, *Canadian Forestry Statistics, (25-202).*

Note: Total primary forest production includes such products as pulpwood, logs and bolts, poles and pilings, fuelwood and miscellaneous roundwood.

Table 18.7 Primary Forest Production by Type of Forest Products, Ontario and Other Regions of Canada, 1978 to 1981

Year	Industrial Wood				Fuel-wood	Total
	Logs & Bolts	Pulp-wood	Other Roundwood	Total		
				'000's cubic metres		
1981						
Ontario	8,707	12,105	127	20,939	1,869	22,808
Atlantic	3,542	9,922	135	13,599	1,083	14,682
Quebec	16,452	14,979	595	32,026	2,208	34,234
West	67,617	4,198	705	72,520	328	72,848
Canada	96,318	41,204	1,562	139,084	5,488	144,572
Ontario % of Canada	9.0	29.4	8.1	15.1	34.1	15.8
Ontario						
1980	9,061	10,803	113	19,977	1,345	21,322
1979	9,132	10,769	133	20,034	1,260	21,294
1978	8,255	10,605	139	18,998	1,189	20,187

Source: Statistics Canada, *Canadian Forestry Statistics*, (25-202).

Note: Logs & Bolts includes some pulpwood.

Table 18.8 Shipments of Roundwood by the Logging Industry, Ontario, 1971 to 1981

Year	Logs & Bolts		Pulpwood		Total Roundwood		% of Canada	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	'000's cu. m.	$ millions	'000's cu. m.	$ millions	'000's cu. m.	$ millions		
1981	4,643	155.7	12,212	430.8	16,855	586.5	16.2	17.9
1980	5,245	154.6	11,498	372.2	16,743	526.8	15.5	15.8
1979	4,872	134.0	11,375	349.1	16,248	483.1	14.9	15.2
1978	4,767	117.7	11,109	310.4	15,877	428.0	12.7	13.3
1977	4,251	93.8	10,552	279.5	14,802	373.4	12.5	13.5
1976	3,044	64.3	9,938	242.7	12,983	307.0	11.0	12.0
1975	3,123	59.0	8,460	184.3	11,582	243.3	11.8	12.7
1974	3,615	54.8	12,822	226.3	16,437	281.1	13.2	12.8
1973	3,386	45.1	12,345	176.6	15,731	221.7	12.2	10.8
1972	3,839	47.1	11,865	158.2	15,704	205.3	13.4	13.3
1971	3,286	39.0	10,388	138.9	13,673	177.9	12.1	13.0

Source: Statistics Canada, *Canadian Forestry Statistics*, (25-202).

Table 18.9 Roundwood Received by Mill Operators, Ontario, 1978 to 1982

Year	Mill Operators	Sawlogs, Veneer Logs	Pulpwood & Miscel-laneous	Total
	#		'000's cubic metres	
1982	854	7,313	12,820	20,133
1981	849	9,939	13,660	23,599
1980	894	12,176	12,231	24,407
1979	836	12,162	11,788	23,950
1978	836	10,566	12,007	22,573

Source: Ministry of Natural Resources, *Ontario Forest Industry Statistical Reports*.

Notes: 1. Receipts do not include wood residues.
2. Roundwood received refers to production from crown, patent and other lands.

Table 18.10 Production from Sawmills, Ontario, 1978 to 1982

Year	Hardwoods							
	Birch	Elm	Oak	Maple	Poplar	Other	Mixed	Total
	'000's cubic metres							
1982	61	2	41	210	64	83	62	524
1981	80	3	40	276	93	84	33	610
1980	74	11	35	304	78	84	89	674
1979	76	6	39	345	83	109	38	686
1978	67	10	37	306	70	77	27	593

Table 18.10 (cont'd.)

Year	Softwoods					
	Spruce, Balsam, Jackpine	Red & White Pine	Hemlock	Other	Total	Total
	'000's cubic metres					
1982	2,360	374	44	13	2,791	3,315
1981	3,108	429	70	18	3,617	4,238
1980	3,079	435	60	34	3,608	4,282
1979	3,094	429	59	32	3,614	4,300
1978	2,888	461	52	11	3,411	4,004

Source: Ministry of Natural Resources, *Ontario Forest Industry Statistical Reports*.

Note: Components may not add to total due to rounding and conversion.

Table 18.11 Shipments of Lumber from Sawmills and Planing Mills, Ontario and Other Regions of Canada, 1971 to 1981

Year	Ontario		Atlantic		Quebec	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's cu. m.	$ millions	'000's cu. m.	$ millions	'000's cu. m.	$ millions
1981	3,425	338.9	1,195	121.5	7,245	615.7
1980	3,199	310.1	1,266	132.3	7,383	642.3
1979	3,302	343.2	1,397	139.3	7,718	694.8
1978	2,853	273.1	1,228	107.6	7,451	580.8
1977	2,416	187.4	1,063	82.9	6,525	426.7
1976	2,041	142.2	1,054	76.4	5,444	331.0
1975	1,825	117.3	972	67.5	4,719	263.4
1974	2,300	152.8	997	70.9	5,028	292.2
1973	2,362	163.5	1,112	75.5	5,592	323.7
1972	2,062	116.4	1,228	60.6	5,106	246.4
1971	1,928	88.9	1,177	49.7	4,279	160.5

Table 18.11 (cont'd.)

Year	West		Canada		Ontario % of Canada	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's cu. m.	$ millions	'000's cu. m.	$ millions		
1981	27,288	2,544.6	39,180	3,623.4	8.7	9.4
1980	28,476	2,917.7	40,348	4,004.8	7.9	7.7
1979	30,507	3,488.0	42,948	4,667.3	7.7	7.4
1978	30,239	2,884.6	41,980	3,863.5	6.8	7.1
1977	29,011	2,262.6	39,015	2,959.6	6.2	6.3
1976	25,155	1,653.7	33,694	2,203.2	6.1	6.5
1975	18,402	1,025.2	25,920	1,473.3	7.0	8.0
1974	22,680	1,361.8	31,005	1,877.7	7.4	8.1
1973	25,625	1,664.4	34,691	2,227.2	6.8	7.3
1972	24,772	1,208.3	33,168	1,631.7	6.2	7.1
1971	22,427	860.3	29,811	1,159.4	6.5	7.7

Source: Statistics Canada, *Canadian Forestry Statistics, (25-202).*

Notes:
1. Shipments of lumber refers to shipments of soft and hard wood, rough and planed.
2. Atlantic excludes Prince Edward Island from 1974 to 1977 due to data not available.
3. In 1978, Atlantic and West exclude Newfoundland and Manitoba respectively, due to confidentiality.
4. From 1979 to 1981, Atlantic and West exclude Prince Edward Island and Northwest Territories respectively, due to confidentiality.

Table 18.12 **Shipments of Hardwood and Softwood Lumber from Sawmills and Planing Mills, Ontario, 1971 to 1981**

Year	Hardwoods		Softwoods		Total	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's cu. m.	$ millions	'000's cu. m.	$ millions	'000's cu. m.	$ millions
1981	368	49.5	3,058	289.4	3,425	338.9
1980	366	47.5	2,833	262.6	3,199	310.1
1979	432	55.7	2,869	287.4	3,302	343.2
1978	389	41.3	2,464	231.8	2,853	273.1
1977	354	32.5	2,062	155.0	2,416	187.4
1976	377	32.5	1,665	109.6	2,041	142.2
1975	323	26.7	1,502	90.6	1,825	117.3
1974	501	41.8	1,799	111.0	2,300	152.8
1973	527	42.4	1,835	121.1	2,362	163.5
1972	504	36.3	1,557	80.1	2,062	116.4
1971	483	29.7	1,445	59.3	1,928	88.9

Source: Statistics Canada, *Sawmills and Planing Mills and Shingle Mills, (35-204).*

Table 18.13 Shipments of Woodchips, Ontario and Other Regions of Canada, 1971 to 1981

	Ontario		Atlantic		Quebec		British Columbia	
Year	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	'000's tonnes	$ millions	'000's tonnes	$ millions
1981	2,033	133.1	896	55.9	3,603	248.7	8,181	489.0
1980	1,954	119.4	1,022	56.6	3,685	215.3	9,322	469.9
1979	1,834	99.1	1,047	47.6	3,549	177.7	8,116	253.0
1978	1,618	80.4	847	38.4	3,040	133.1	7,751	215.2
1977	1,473	69.4	827	38.7	2,916	127.3	7,522	235.6
1976	1,146	52.0	796	35.9	2,276	98.2	7,458	256.9
1975	971	36.3	667	27.4	1,876	73.2	5,697	208.2
1974	1,148	31.8	902	29.0	1,852	54.9	6,844	182.2
1973	1,039	24.9	594	20.8	1,846	46.5	6,711	121.6
1972	907	20.8	612	19.5	1,602	37.8	5,579	86.4
1971	776	17.8	641	20.0	1,276	28.0	5,219	85.3

Table 18.13 (cont'd.)

	Other Provinces		Canada		Ontario % of Canada	
Year	Quantity	Value	Quantity	Value	Quantity	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions		
1981	603	25.8	15,316	952.5	13.3	14.0
1980	610	21.3	16,593	882.6	11.8	13.5
1979	563	19.8	15,110	597.3	12.1	16.6
1978	536	17.5	13,791	484.6	11.7	16.6
1977	496	15.7	13,234	486.7	11.1	14.3
1976	325	13.1	12,001	456.1	9.6	11.4
1975	277	9.5	9,489	354.6	10.2	10.2
1974	266	7.3	11,012	305.2	10.4	10.4
1973	278	4.0	10,468	217.9	9.9	11.4
1972	165	2.6	8,864	167.1	10.2	12.5
1971	114	1.8	8,026	152.9	9.7	11.6

Source: Statistics Canada, *Canadian Forestry Statistics*, (25-202).

Notes: 1. Shipments refers to woodchip shipments from all industries.
2. Atlantic consists of Nova Scotia and New Brunswick only.
3. Other Provinces consists of Newfoundland, Prince Edward Island and West excluding British Columbia, Yukon and Northwest Territories.
4. Quantity refers to oven dry tonnes.

Table 18.14 Shipments from Veneer and Plywood Mills, Ontario and Other Regions of Canada, 1971 to 1981

Year	Ontario	Quebec	British Columbia	Other Provinces	Canada	Ontario % of Canada
			$ millions			
1981	120.2	106.4	544.4	69.6	840.6	14.3
1980	112.2	107.6	551.0	69.0	839.8	13.4
1979	111.0	108.5	590.7	77.8	887.9	12.5
1978	88.9	117.9	568.1	69.5	844.5	10.5
1977	59.2	91.1	442.4	54.1	646.8	9.2
1976	50.8	85.7	406.9	40.4	583.8	8.7
1975	46.9	69.1	311.5	30.4	457.8	10.2
1974	52.1	79.3	307.6	24.1	463.0	11.2
1973	56.2	72.1	334.0	24.4	486.7	11.5
1972	43.7	55.8	271.1	22.7	393.3	11.1
1971	37.4	42.8	213.5	18.1	311.9	12.0

Source: Statistics Canada, *Canadian Forestry Statistics*, (25-202).

Notes: 1. See Table 18.2, note 1.
2. Other Provinces refers to Newfoundland, New Brunswick and Saskatchewan.

Table 18.15 Shipments from Sash, Door and Other Millwork Plants, Ontario and Other Regions of Canada, 1971 to 1981

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1981	297.6	42.5	262.5	305.2	981.4	30.3
1980	240.1	41.2	253.2	246.7	842.7	28.5
1979	254.1	43.5	238.5	289.5	833.2	30.5
1978	211.9	36.9	205.2	247.9	708.1	29.9
1977	185.7	31.4	166.3	198.7	587.6	31.6
1976	189.8	28.9	157.9	177.5	567.4	33.4
1975	166.4	23.7	137.1	151.4	483.7	34.5
1974	149.4	19.4	127.0	125.0	424.6	35.2
1973	139.3	13.8	110.2	121.2	387.2	36.0
1972	114.7	13.0	96.7	93.0	317.5	36.1
1971	100.5	9.1	74.6	82.5	267.4	37.6

Source: Statistics Canada, *Sash, Door and Other Millwork Plants*, (35-205).

Notes: 1. See Table 18.2, note 1.
2. Shipments includes mill products such as sash doors, window and door frames, interior woodwork, construction moulding, laminated rafters, roof trusses and beams. Data for 1971 include wooden kitchen cabinets, and beginning in 1972, hardwood flooring is included in this industry.
3. Atlantic excludes Prince Edward Island for 1971 and Newfoundland and Prince Edward Island from 1973 to 1981, due to confidentiality.
4. West excludes Northwest Territories for 1971, Manitoba for 1980 and 1981 and Saskatchewan for 1976, due to confidentiality.

Table 18.16 Destination of Shipments of Wood Products, Ontario, 1972 to 1982

Year	Quebec	Manitoba	British Columbia	U.S.A.	Europe	Total
			'000's cubic metres			
1982	579	–	1	116	–	696
1981	869	–	–	208	–	1,076
1980	1,107	19	–	384	–	1,509
1979	1,469	10	–	288	–	1,767
1978	919	–	–	247	–	1,166
1977	826	–	–	203	–	1,029
1976	738	4	–	72	–	814
1975	656	1	–	105	–	793
1974	1,126	–	–	414	32	1,540
1973	..	..	..	..	..	..
1972	516	—	–	92	–	608

Source: Ministry of Natural Resources, *Ontario Forest Industry Statistical Reports.*

Notes: 1. Wood products shipments includes pulpwood, sawlogs and veneer logs, etc. and whole tree chips and residues from crown and patent land.

2. 000's cubic metres refers to solid wood equivalent.

3. Components may not add to total due to rounding and conversion.

Table 18.17 Origin of Shipments of Wood Products, Ontario, 1972 to 1982

Year	Quebec	New Brunswick	Manitoba	Saskatchewan	British Columbia	U.S.A.	Total
				'000's cubic metres			
1982	585	1	179	–	1	654	1,419
1981	702	—	170	–	1	738	1,611
1980	1,010	—	148	–	–	843	2,002
1979	694	2	145	11	–	934	1,786
1978	756	–	128	–	–	773	1,657
1977	591	–	127	–	–	757	1,475
1976	647	–	107	–	–	639	1,392
1975	425	–	122	–	–	530	1,076
1974	830	26	127	–	–	600	1,560
1973	..	..	..	..	..	..	..
1972	830	26	145	7	–	328	1,334

Source: Ministry of Natural Resources, *Ontario Forest Industry Statistical Reports.*

Note: See notes, Table 18.16.

Table 18.18 Shipments of Woodpulp, Ontario and Other Regions of Canada, 1971 to 1981

Year	Ontario		Quebec		British Columbia	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	'000's tonnes	$ millions
1981	1,417	757.1	1,211	672.0	3,120	1,581.2
1980	1,360	754.0	1,204	653.7	3,530	1,756.6
1979	1,265	559.2	1,282	532.7	3,483	1,378.7
1978	1,241	419.5	1,123	360.0	3,611	1,048.0
1977	1,170	411.1	1,008	320.5	2,960	944.3
1976	923	338.5	905	282.0	3,153	1,062.2
1975	840	317.6	702	247.3	2,480	868.7
1974	1,165	365.9	1,070	332.6	3,355	903.2
1973	1,088	215.0	848	157.8	3,380	576.6
1972	1,159	179.2	904	130.1	2,916	422.7
1971	1,047	169.2	940	140.9	2,463	363.1

Table 18.18 (cont'd.)

Year	Other Provinces		Canada		Ontario % of Canada	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions		
1981	2,088	995.2	7,836	4,005.5	18.1	18.9
1980	2,072	976.3	8,166	4,140.6	16.7	18.2
1979	2,059	817.0	8,089	3,287.6	15.6	17.0
1978	2,046	634.5	8,021	2,461.9	15.5	17.0
1977	1,928	595.1	7,066	2,270.9	16.6	18.1
1976	1,787	572.0	6,768	2,254.7	13.6	15.0
1975	1,627	549.0	5,650	1,982.6	14.9	16.0
1974	2,013	603.6	7,603	2,205.3	15.3	16.6
1973	1,884	352.1	7,200	1,301.5	15.1	16.5
1972	1,718	244.1	6,697	976.1	17.3	18.4
1971	1,373	205.0	5,823	878.1	18.0	19.3

Source: Statistics Canada, *Canadian Forestry Statistics*, (25-202).

Notes: 1. Shipments refers to mechanical or chemical woodpulp shipments from pulp and paper mills.
2. Other Provinces consists of Atlantic and West excluding British Columbia, Yukon and Northwest Territories.

Table 18.19 Mill Shipments of Basic Paper and Paperboard, Ontario and Other Regions of Canada, 1971 to 1981

Year	Newsprint		Printing & Writing		Wrapping	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	'000's tonnes	$ millions
1981						
Ontario	1,738	841.5	799	632.8	62	60.0
Quebec	4,338	2,193.7	516	409.2	142	113.5
Other Provinces	2,760	1,350.8	268	163.1	312	153.7
Canada	8,836	4,386.0	1,582	1,205.1	516	327.2
Ontario % of Canada	19.7	19.2	50.5	52.5	12.0	18.3
Ontario						
1980	1,737	751.8	789	581.3	61	56.5
1979	1,741	671.0	806	523.9	70	59.8
1978	1,665	555.4	722	404.9	77	55.8
1977	1,606	501.9	619	320.6	68	44.4
1976	1,406	390.1	426	206.5	58	36.6
1975	1,144	290.4	368	179.7	51	31.0
1974	1,806	367.5	614	288.9	91	53.4
1973	1,776	294.4	512	189.1	86	34.7
1972	1,628	253.6	488	149.3	64	23.4
1971	1,601	241.7	453	135.5	72	25.4

Table 18.19 (cont'd.)

Year	Paperboards		Other Paper		Total	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	'000's tonnes	$ millions
Ontario	759	310.6	85	70.6	3,442	1,915.4
Quebec	897	409.5	144	89.6	6,036	3,215.6
Other Provinces	650	239.3	50	27.7	4,040	1,934.5
Canada	2,305	959.4	279	187.9	13,519	7,065.5
Ontario % of Canada	32.9	32.4	30.4	37.6	25.5	27.1
Ontario						
1980	738	265.6	82	58.0	3,406	1,713.2
1979	726	241.4	89	50.2	3,432	1,546.4
1978	681	190.5	76	39.8	3,221	1,246.4
1977	609	168.0	90	50.0	2,992	1,085.0
1976	501	137.5	90	49.7	2,480	820.5
1975	417	108.6	73	36.1	2,053	645.8
1974	660	166.4	101	40.5	3,272	916.8
1973	652	122.9	87	24.0	3,114	665.2
1972	613	100.7	72	20.1	2,866	547.1
1971	572	91.3	61	16.8	2,758	510.8

Source: Statistics Canada, *Pulp and Paper Mills*, (36-204).

Notes: 1. Printing & Writing includes groundwood printing, speciality papers, fine and miscellaneous papers.
2. Paperboards includes wet machine boards.
3. Other Paper includes tissue, sanitary papers and building papers.
4. Other Provinces consists of Atlantic and West, excluding Yukon and Northwest Territories.

Table 18.20 **Shipments from Miscellaneous Wood, Paper and Allied Industries, Ontario and Other Regions of Canada, 1981**

	Ontario	Quebec	British Columbia	Other Provinces	Canada	Ontario % of Canada
			$ millions			
Wooden Box Factories	135.1	39.6	16.3	15.6	206.5	65.4
Coffin & Casket Industry	7.0	20.5	..	5.4	32.9	21.2
Miscellaneous Wood Industries	223.6	122.2	..	217.0	562.8	39.7
Asphalt Roofing Manufacturers	102.7	..	..	165.8	268.6	38.3
Miscellaneous Paper Converters	1,025.5	..	..	513.4	1,538.9	66.6
Folding Carton & Set-up Manufacturers	342.7	155.9	41.1	17.5	557.2	61.5
Corrugated Box Manufacturers	524.6	270.0	–	255.6	1,050.3	50.0
Paper & Plastic Bag Manufacturers	286.4	221.4	71.0	116.4	695.2	41.2

Source: Statistics Canada, *Miscellaneous Wood Industries*, (35-208).
Miscellaneous Paper Converters Including Asphalt Roofing Manufacturers, (36-215).
Paper Box and Bag Manufacturers, (36-216).

Notes: 1. See Table 18.2, note 1.
2. Other Provinces generally consists of Atlantic, excluding Prince Edward Island and West excluding Yukon and Northwest Territories. Quebec and British Columbia included with Other Provinces when data confidential. For Asphalt Roofing Manufacturers, Other Provinces consists of Quebec and West, excluding Saskatchewan and Northwest Territories.

Chapter 19
Mining

Mining

The mining industry forms an integral part of the Ontario economy, producing a variety of vital minerals and making Ontario a leading world exporter. The total value of mineral production in Ontario represents about 10% of the Canadian total, or nearly 30% if fuels are excluded.

Governments' direct role in mining is limited to promoting and regulating the development of mineral resources. The Ontario Ministry of Natural Resources provides assistance to the mining industry through a variety of programs which include mapping and surveying, assaying, promotion of exploration, and the dissemination of commodity and other information. The federal Department of Energy, Mines and Resources provides some services to the industry through co-operative programs.

Data in this chapter cover:

- mining and milling of metallic and non-metallic minerals;
- structural materials and mineral fuels;
- smelting and refining;
- cement, lime and clay products manufacturing.

Data on crude petroleum and natural gas are shown in Chapter 14, Energy, while petroleum refineries and the miscellaneous petroleum and coal products industry are covered in Chapter 20, Manufacturing.

Sources of Data

The main sources of data on mining are:

- gross domestic product estimates by the Industry Product Division of Statistics Canada;
- the Census of Mines, Quarries and Oil Wells;
- surveys of the crude petroleum and natural gas industry.

The gross domestic product estimates for mines, quarries and oil wells include metallic and non-metallic mines, mineral fuels and structural materials produced from quarries and sand pits. Services incidental to mining such as contract drilling, and mine exploration and development work are excluded. Both gross domestic product and principal mining statistics exclude manufacturers of cement, lime and clay products, and smelting and refining. A more complete discussion of gross domestic product is given in Chapter 10, Economic Overview. Principal statistics for the related mineral manufacturing industries are covered in Chapter 20, Manufacturing.

The Census of Mines, Quarries and Oil Wells is carried out jointly by the Ontario Ministry of Natural Resources and the federal Department of Energy, Mines and Resources. Mining establishments are required to provide annual data on employment, costs of production and output. In order to cover certain commodities completely, some non-mining establishments are also surveyed for commodity information only.

The data are available in *Ontario Mineral Score*, an annual publication of the Ministry of Natural Resources. In addition to principal statistics, the publication contains information on exploration and development activity, mining claims, assessment work and smelting and refining. For further information, contact the Mineral Resources Branch of the Ministry of Natural Resources, telephone Toronto, 965-0211.

Similar mining information is published annually by Statistics Canada in *General Review of the Mineral Industries, (26-201)*, and in related annual publications on specific mineral industries (series 26). Preliminary and revised statistics on mineral production by type can be found in *Canada's Mineral Production: Preliminary Estimates, (26-202)*. Aggregate Statistics Canada data are also available on CANSIM. Differences in quantity and value figures between Statistics Canada's and the Ministry of Natural Resources' publications can be attributed to the different treatment of survey non-respondents.

Monthly statistics can also be obtained from the Department of Energy, Mines and Resources in its reports entitled *Production of Canada's Leading Minerals* and *The Canadian Mineral Industry*. This Department also produces the *Canadian Minerals Yearbook* which includes a review of overall developments in the mineral industries, together with a statistical summary of mining and related activities. Both federal and Provincial governments also produce a variety of technical reports. For information on federal government publications, contact Energy Mines and Resources Canada, telephone Ottawa, 995-9466, or the Manufacturing and Primary Industries Division of Statistics Canada, telephone Ottawa, 990-9835.

Additional sources of data include the *Canadian Mines Handbook*, by Northern Miner Press, the *Canadian*

Mining Journal, and The Financial Post's *Survey of Mines and Energy Resources*. As well, a number of trade and professional associations such as the Mining Association of Canada, telephone Ottawa, 233-9391, the Ontario Mining Association, telephone Toronto, 364-9301, and the Prospectors and Developers Association, telephone Toronto, 362-1969, may be able to provide further information.

Mining

Charts:

19.1 Gross Domestic Product: Mines, Quarries and Oil Wells, Ontario, 1971 to 1981
19.2 Total Production Value of Minerals, Ontario and Other Regions of Canada, 1983
19.3 Production Value of Minerals By Type, Ontario, 1983
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Tables:

19.1 Gross Domestic Product: Mines, Quarries and Oil Wells, Ontario, 1971 to 1981
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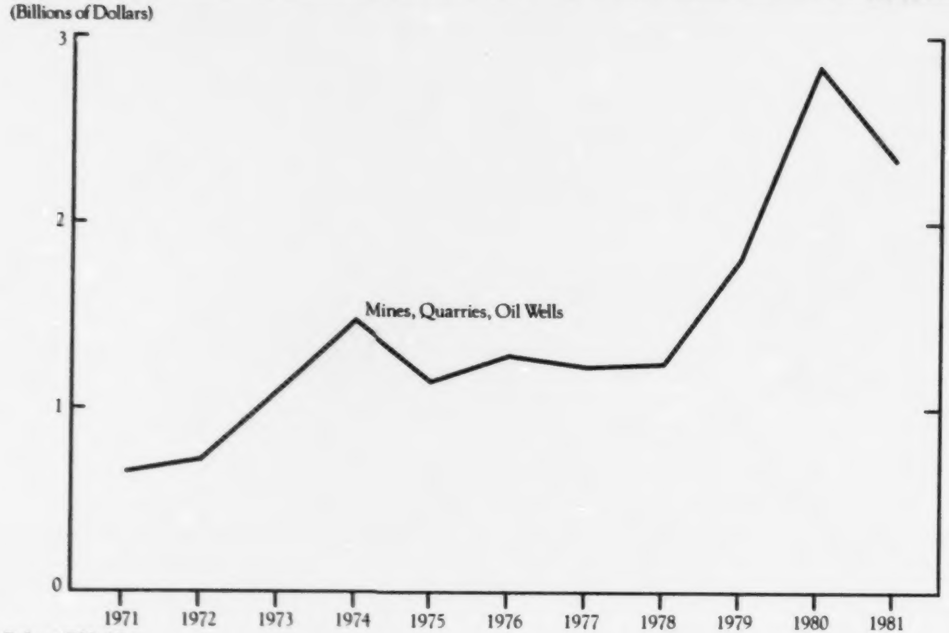
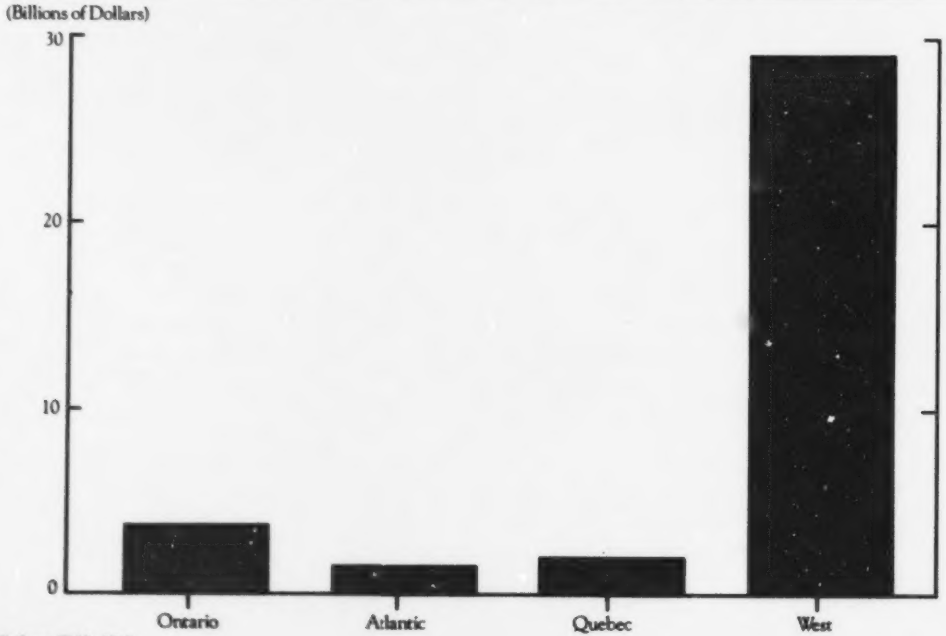
19.10 Smelting and Refining of Metallic Minerals, Ontario, 1982

Chart 19.1 Gross Domestic Product: Mines, Quarries and Oil Wells, Ontario, 1971 to 1981



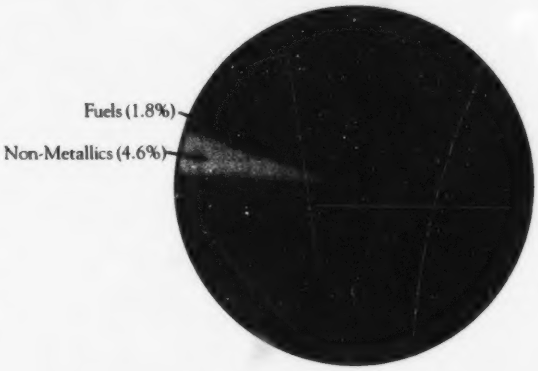
Refer to Table 19.1

Chart 19.2 Total Production Value of Minerals, Ontario and Other Regions of Canada, 1983



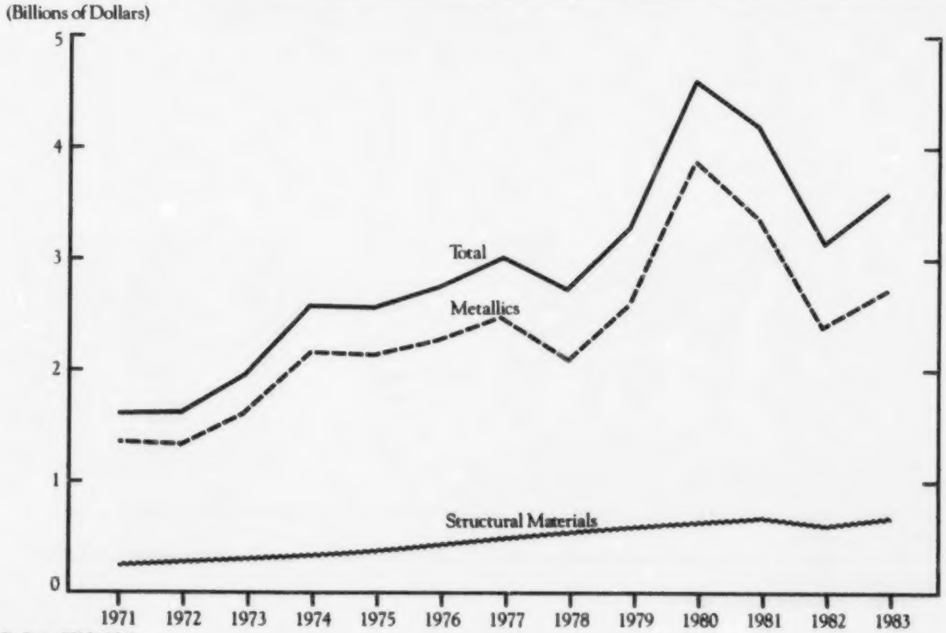
Refer to Table 19.3

Chart 19.3 Production Value of Minerals by Type, Ontario, 1983



Refer to Table 19.3

Chart 19.4 Total Production Value of Minerals, Ontario, 1971 to 1983



Refer to Table 19.3

Table 19.1 Gross Domestic Product: Mines, Quarries and Oil Wells, Ontario, 1971 to 1981

Year	Mines, Quarries, Oil Wells	% of Total G.D.P.
	$ millions	
1981	2,317.7	2.0
1980	2,824.2	2.8
1979	1,784.0	2.0
1978	1,223.9	1.5
1977	1,202.3	1.7
1976	1,264.3	1.9
1975	1,128.9	1.9
1974	1,453.8	2.8
1973	1,082.0	2.4
1972	703.8	1.8
1971	642.0	1.9

Sources: Statistics Canada, *Provincial Gross Domestic Product by Industry*, (61-202).
Provincial Economic Accounts, (13-213).

Note: Mines include milling.

Table 19.2 Principal Statistics of Mining Industries, Ontario and Other Regions of Canada, 1971 to 1981

				Mining Activity			
		Total Activity					
Year	Establishments	Employees	Salaries & Wages	Cost of Fuel & Electricity	Cost of Materials & Supplies	Value of Production	Value Added
	#	'000's			$ millions		
1981							
Ontario	160	31.5	779.7	138.1	1,238.3	3,563.8	2,187.4
Atlantic	72	13.4	328.1	128.4	622.7	1,617.4	866.2
Quebec	190	22.3	582.7	175.4	596.4	2,019.8	1,248.0
West	939	62.1	1,749.4	446.7	1,809.2	21,259.0	19,003.1
Canada	1,361	129.3	3,439.9	888.6	4,266.6	28,460.0	23,304.8
Ontario % of Canada	11.8	24.4	22.7	15.5	29.0	12.5	9.4
Ontario							
1980	162	31.0	682.8	117.4	1,076.2	3,885.6	2,692.1
1979	157	26.6	541.9	106.4	836.6	2,938.1	1,995.2
1978	179	27.0	488.7	102.8	789.3	2,332.5	1,440.4
1977	188	32.9	537.4	105.9	832.2	2,340.4	1,402.2
1976	191	33.0	498.6	89.2	793.9	2,348.1	1,465.0
1975	205	32.8	440.6	70.6	712.1	2,124.4	1,341.6
1974	214	33.4	383.7	59.7	667.0	2,359.9	1,633.2
1973	210	31.6	337.1	44.5	556.2	1,792.9	1,192.2
1972	230	30.9	305.8	40.7	464.8	1,301.0	795.4
1971	244	33.6	305.5	39.0	542.7	1,298.9	717.1

Source: Statistics Canada, *General Review of the Mineral Industries*, (26-201).

Notes:
1. Mining industries consist of metallic mining, non-metallic mining, fuel industries and structural materials excluding lime, clay products and cement.
2. Cost of fuel used in the crude petroleum and natural gas industry is included in the cost of materials and supplies and excluded from cost of fuel and electricity.
3. West includes off-shore mining activity.

Table 19.3 Production Value of Minerals, Ontario and Other Regions of Canada, Selected Years, 1951 to 1983

Year	Metallics	Non-metallics	Fuels	Structural Materials	Other	Total
			$ millions			
1983^{p}						
Ontario	2,671.5	161.2	65.1	634.8	–	3,532.7
Atlantic	1,076.7	76.3	175.6	87.3	2.4	1,418.3
Quebec	1,087.0	357.6	..	329.2	114.6	1,888.4
West	2,402.8	1,242.6	24,721.8	645.5	25.5	29,038.3
Canada	7,237.9	1,837.8	24,962.6	1,696.9	142.5	35,877.7
Ontario % of Canada	36.9	8.8	0.3	37.4	–	9.8
Ontario						
1982	2,349.3	148.2	56.1	546.3	–	3,100.0
1981	3,319.6	137.9	45.7	627.7	–	4,130.9
1980	3,809.2	118.5	43.3	580.1	–	4,551.1
1979	2,544.6	105.4	29.7	560.3	–	3,239.9
1978	2,049.3	93.7	29.5	510.2	–	2,682.8
1977	2,436.0	89.2	16.9	432.2	–	2,974.3
1976	2,223.0	84.5	10.1	391.4	–	2,709.0
1975	2,113.1	56.2	11.6	340.6	–	2,521.4
1974	2,141.0	64.2	7.6	314.2	–	2,527.0
1973	1,587.0	57.2	6.5	269.1	–	1,919.9
1972	1,315.6	44.1	7.3	231.8	–	1,598.8
1971	1,335.2	43.9	9.1	210.6	–	1,598.8
1966	732.4	23.7	10.2	191.6	–	957.8
1961	780.8	23.6	9.2	130.1	–	943.6
1956	521.2	17.5	16.2	104.1	–	659.0
1951	367.5	12.2	10.6	60.2	–	450.6

Source: Ministry of Natural Resources, *Ontario Mineral Score, 1983.*

Notes: 1. Preliminary estimates of minerals can vary considerably from revised figures. Sand and gravel, and stone materials are particularly difficult to estimate.

2. Other is the total of confidential values.

Table 19.4 **Production of Metallic Minerals, Ontario and Other Regions of Canada, Selected Years, 1951 to 1983**

Year	Gold		Silver		Uranium		Nickel	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	'000's kg.	$ millions	'000's kg.	$ millions	'000's kg.	$ millions	'000's tonnes	$ millions
1983p								
Ontario	21.6	362.6	347.0	157.0	4,837.0	518.4	94.6	595.2
Atlantic	0.2	2.5	212.0	95.8	–	–	–	–
Quebec	26.0	435.7	39.0	17.9	–	–	..	–
West	23.0	385.6	508.0	229.7	2,198.0	204.4	27.2	171.2
Canada	70.7	1,186.4	1,106.0	500.4	7,035.0	722.7	121.8	766.4
Ontario % of Canada	30.6	30.6	31.4	31.4	68.8	71.7	77.7	77.7
Ontario								
1982	20.1	306.8	347.0	118.7	4,970.3	586.6	64.0	440.6
1981	18.3	333.8	328.8	137.0	4,859.5	522.0	130.3	1,001.2
1980	18.5	403.9	461.0	335.6	4,429.1	464.1	145.6	1,154.9
1979	19.2	221.5	411.9	171.8	4,005.4	375.8	88.4	556.3
1978	21.8	154.5	444.4	88.2	4,454.8	363.8	93.5	473.7
1977	23.0	116.1	524.3	82.9	3,628.0	250.7	180.0	927.5
1976	23.0	91.0	507.5	70.1	3,765.8	186.4	187.4	882.3
1975	23.5	123.7	463.7	67.2	4,065.7	164.1	179.1	811.3
1974	24.9	124.4	555.3	82.6	3,247.7	91.3	209.1	749.8
1973	28.7	89.8	610.2	49.6	3,121.4	65.2	178.4	574.8
1972	31.7	58.7	609.2	32.7	3,241.9	60.8	171.8	519.9
1971	35.3	40.1	581.1	29.1	2,696.5	44.6	195.7	583.9
1966	51.7	62.6	339.0	15.2	2,260.2	42.8	145.3	269.5
1961	82.0	93.5	275.9	8.4	5,758.6	151.1	178.0	295.4
1956	78.2	86.5	206.1	5.9	348.7	9.4	152.0	208.1
1951	76.6	91.1	190.2	5.8	..	..	125.1	151.2

Table 19.4 (cont'd.)

Year	Copper		Zinc		Iron Ore		Other	Total
	Quantity	Value	Quantity	Value	Quantity	Value	Value	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	'000's tonnes	$ millions	$ millions	$ millions
1983^{p}								
Ontario	197.0	412.1	282.8	325.2	3,664.0	180.5	120.5	2,671.5
Atlantic	9.3	19.4	270.8	311.4	18,123.0	601.1	46.4	1,076.7
Quebec	63.3	132.4	42.3	48.6	9,980.0	346.2	106.2	1,087.0
West	355.4	743.4	374.9	431.1	615.0	15.6	221.9	2,402.8
Canada	625.0	1,307.3	970.8	1,116.4	32,382.0	1,143.4	495.0	7,237.9
Ontario % of Canada	31.5	31.5	29.1	29.1	11.3	15.8	24.3	36.9
Ontario								
1982	157.8	298.0	260.5	257.9	3,650.3	193.4	147.3	2,349.3
1981	226.4	521.0	246.0	286.3	5,394.6	245.5	272.9	3,319.6
1980	245.0	631.2	253.3	242.8	6,569.1	262.0	314.7	3,809.2
1979	192.9	457.5	289.4	278.9	7,874.9	287.2	195.6	2,544.6
1978	197.0	324.0	277.5	212.6	9,600.0	308.4	124.1	2,049.3
1977	279.9	428.0	295.4	231.4	10,319.7	287.8	111.6	2,436.0
1976	260.2	391.4	317.2	263.1	10,080.8	252.3	86.4	2,223.0
1975	257.8	361.4	335.9	277.7	9,503.8	219.0	88.7	2,113.1
1974	283.9	484.0	435.5	335.1	10,905.8	180.1	93.7	2,141.0
1973	260.7	365.3	414.0	220.4	11,271.2	152.5	69.4	1,587.0
1972	262.8	293.5	366.1	153.9	10,664.3	139.5	56.6	1,315.6
1971	274.3	317.5	331.8	122.4	10,141.1	136.2	61.4	1,335.2
1966	184.1	181.4	74.7	24.9	7,388.4	91.7	44.3	732.4
1961	192.0	122.4	47.1	13.1	5,236.9	62.4	34.5	780.8
1956	141.8	128.6	1.1	0.4	5,042.3	44.2	38.1	521.2
1951	116.9	70.9	–	–	2,578.2	21.2	..	367.5

Source: Ministry of Natural Resources, *Ontario Mineral Score, 1983.*

Note: Other includes minerals such as calcium, lead, platinum group, and tin.

Table 19.5 Production of Non-Metallic Minerals, Ontario, Selected Years, 1951 to 1983

Year	Gypsum		Peat		Quartz	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	'000's tonnes	$ millions
1983^{p}	889.0	8.0	6.0	0.6	645.0	12.3
1982	574.4	5.5	4.7	0.9	265.0	7.8
1981	649.5	5.5	9.2	1.2	427.2	9.8
1980	740.0	5.7	7.7	0.9	398.8	8.2
1979	743.5	4.8	7.0	0.7	980.3	9.0
1978	755.7	4.5	8.3	0.8	846.5	7.0
1977	699.4	4.0	6.7	0.6	1,043.1	6.1
1976	574.0	2.7	8.7	0.8	1,126.9	5.2
1975	630.6	2.9	10.4	0.9	1,096.2	4.4
1974	702.5	2.8	9.0	0.5	1,122.0	3.9
1973	684.3	2.4	8.1	0.5	1,071.7	3.4
1972	659.1	2.2	12.3	0.6	1,068.4	2.8
1971	634.2	1.7	17.2	0.7	1,114.4	2.1
1966	512.7	1.6	1.5	—	1,053.3	0.9
1961	385.8	1.0	13.7	0.3	1,397.1	0.8
1956	332.9	0.8	3.0	0.1	1,425.9	1.4
1951	238.2	0.7	1.6	0.1	1,401.7	1.5

Table 19.5 (cont'd.)

Year	Salt		Sulphur		Other Value	Total Value
	Quantity	Value	Quantity	Value		
	'000's tonnes	$ millions	'000's tonnes	$ millions	$ millions	$ millions
1983p	5,059.0	93.2	463.0	25.4	21.7	161.2
1982	5,461.2	93.2	311.7	17.6	23.2	148.2
1981	4,968.5	80.9	446.8	18.6	21.9	137.9
1980	4,871.1	71.4	541.7	13.4	18.9	118.5
1979	5,188.7	67.9	336.3	6.9	16.1	105.4
1978	4,865.2	61.7	300.0	5.1	14.6	93.7
1977	4,486.5	57.1	377.8	7.9	13.5	89.2
1976	4,489.1	52.5	364.3	9.6	13.7	64.5
1975	3,763.0	32.3	343.5	4.8	10.9	56.2
1974	4,042.7	40.2	382.7	5.7	11.1	64.2
1973	3,775.2	33.2	367.6	5.4	12.3	57.2
1972	3,663.0	24.5	354.8	3.4	10.6	44.1
1971	3,784.3	24.1	338.1	3.4	11.9	43.9
1966	3,431.1	15.2	146.2	1.5	4.5	23.7
1961	2,596.1	13.6	76.8	0.9	7.0	23.6
1956	1,222.6	7.9	48.5	0.5	6.8	17.5
1951	700.9	4.8	14.2	0.2	4.9	12.2

Source: Ministry of Natural Resources, *Ontario Mineral Score, 1983.*

Notes: 1. Sulphur includes sulphur elemental and sulphur smelter gas.
2. Other includes barite, nepheline syenite and soapstone.

Table 19.6 Production of Fuels in Ontario, Selected Years, 1951 to 1983

Year	Natural Gas		Petroleum Crude		Total Value
	Quantity	Value	Quantity	Value	
	millions cu. m.	$ millions	'000's cu. m.	$ millions	$ millions
1983p	448.0	48.6	85.0	16.6	65.1
1982	436.4	41.4	85.6	14.8	56.1
1981	419.3	34.6	90.0	11.1	45.7
1980	445.2	33.5	93.9	9.8	43.3
1979	292.0	21.4	92.0	8.3	29.7
1978	356.1	21.4	94.4	8.2	29.5
1977	241.5	10.3	98.0	6.6	16.9
1976	140.4	4.9	98.7	5.2	10.1
1975	309.6	6.5	111.9	5.0	11.6
1974	213.4	3.2	116.7	4.3	7.6
1973	269.8	3.7	128.6	2.9	6.5
1972	350.4	4.8	139.6	2.5	7.3
1971	460.4	6.3	152.3	2.7	9.1
1966	440.0	5.9	210.5	4.2	10.2
1961	411.8	5.6	182.7	3.5	9.2
1956	362.8	14.2	94.3	2.0	16.2
1951	239.1	10.0	31.3	0.7	10.6

Source: Ministry of Natural Resources, *Ontario Mineral Score, 1983.*

Note: In 1960 the method of evaluating natural gas changed from assessment at retail level to assessment at wellhead.

Table 19.7 Production of Structural Materials, Ontario and Other Regions of Canada, Selected Years, 1951 to 1983

	Cement		Clay Products		Lime	
Year	Quantity	Value	Quantity	Value	Quantity	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	'000's tonnes	$ millions
1983P						
Ontario	2,845.0	229.9	..	75.4	1,418.0	89.5
Atlantic	..	30.6	..	4.9	..	3.5
Quebec	2,138.0	124.1	..	24.5	297.0	21.7
West	2,463.0	266.3	..	22.6	288.0	24.9
Canada	7,463.0	650.8	..	127.4	2,003.0	139.6
Ontario % of Canada	38.1	35.3	..	59.2	70.8	64.1
Ontario						
1982	3,007.4	185.0	..	51.1	1,539.6	82.8
1981	3,787.2	205.1	..	66.7	1,836.2	94.7
1980	4,067.3	190.8	..	58.1	1,683.4	74.4
1979	4,117.2	182.3	..	60.8	1,317.9	51.9
1978	3,950.9	160.2	..	57.1	1,341.8	48.5
1977	3,647.3	138.8	..	53.8	1,203.8	40.0
1976	3,720.0	126.1	..	52.1	1,166.4	35.3
1975	3,736.6	110.9	..	44.8	1,064.3	27.1
1974	4,166.0	102.4	..	39.1	1,282.9	26.3
1973	3,918.4	86.6	..	34.6	1,186.0	20.6
1972	3,412.1	76.2	..	31.6	1,081.5	18.5
1971	3,239.0	68.3	..	29.8	1,058.7	16.9
1966	2,941.6	52.7	..	25.8	978.3	12.2
1961	2,020.2	35.7	..	19.0	784.8	11.5
1956	1,315.8	21.5	..	19.1	610.9	8.3
1951	863.3	12.5	..	10.5	562.2	6.9

Table 19.7 (cont'd.)

Year	Sand & Gravel		Stone		Total
	Quantity	Value	Quantity	Value	Value
	'000's tonnes	$ millions	'000's tonnes	$ millions	$ millions
1983P					
Ontario	54,000.0	123.0	28,000.0	117.0	634.8
Atlantic	15,435.0	33.8	3,070.0	14.5	87.3
Quebec	29,838.0	47.6	26,514.0	111.4	329.2
West	94,770.0	290.7	7,775.0	41.0	645.5
Canada	194,043.0	495.1	65,359.0	283.9	1,696.9
Ontario % of Canada	27.8	24.8	42.8	41.2	37.4
Ontario					
1982	53,567.9	116.6	28,487.6	110.8	546.3
1981	70,191.4	134.3	37,546.3	126.9	627.7
1980	77,580.3	134.0	36,006.3	122.9	580.1
1979	90,515.6	151.8	39,831.0	113.5	560.3
1978	87,845.8	142.7	38,139.2	101.6	510.2
1977	75,400.4	121.8	28,869.1	77.9	432.2
1976	68,802.0	106.1	28,165.4	71.9	391.4
1975	69,705.4	95.6	27,525.9	62.2	340.6
1974	72,560.9	85.5	31,261.3	60.9	314.2
1973	73,089.7	74.4	32,240.7	52.9	269.1
1972	69,290.8	64.3	28,205.7	41.2	231.8
1971	70,425.7	57.1	25,617.5	38.5	210.6
1966	85,387.8	67.2	23,317.2	33.6	191.6
1961	63,691.8	40.3	16,657.6	23.5	130.1
1956	55,734.1	34.4	14,274.2	20.8	104.1
1951	35,578.0	19.9	7,330.1	10.4	60.2

Source: Ministry of Natural Resources, *Ontario Mineral Score, 1983.*

Table 19.8 Diamond Drilling Exploration, Selected Industries, Ontario, 1971 to 1982

Year	Gold Quartz	Uranium	Iron	Copper-gold-silver	Nickel-copper	Silver-cobalt
			'000's metres			
1982	97.9	52.3	9.1	50.9	81.7	24.5
1981	106.2	57.3	11.2	74.2	139.2	21.3
1980	72.6	55.4	–	74.5	140.7	11.1
1979	92.6	58.1	10.5	51.6	94.2	18.1
1978	61.2	55.3	16.7	28.3	94.2	22.6
1977	48.6	45.2	4.8	90.4	172.0	21.7
1976	63.0	26.7	2.3	106.0	208.1	13.0
1975	101.0	15.5	4.8	96.8	211.6	19.5
1974	114.7	12.7	7.0	116.0	245.9	19.4
1973	97.1	14.7	7.2	88.0	315.3	20.8
1972	62.7	15.3	4.8	110.0	334.3	20.7
1971	86.7	14.7	4.3	131.3	460.9	27.1

Source: Ministry of Natural Resources, *Ontario Mineral Score, 1983.*

Note: Diamond drilling exploration includes on property exploration, testing and ore outline drilling.

Table 19.9 Mining Prospecting Activities, Ontario, 1971/72 to 1981/82

Year	Mining Claims Recorded	Mining Claims Cancelled	Mining Claims In Good Standing	Miners' Licences Issued	Miners' Licences Renewed	Quarry Permits Issued	Assessment Work (Days)
				'000's			
1981/82	26.1	17.7	76.1	1.9	2.8	1.5	1,565.2
1980/81	36.5	11.3	72.8	2.1	2.7	1.2	972.5
1979/80	16.9	11.0	36.1	1.3	1.9	1.3	437.6
1978/79	13.0	16.4	37.7	1.0	1.7	1.2	752.2
1977/78	14.7	20.8	41.5	0.9	2.0	1.1	644.8
1976/77	21.0	21.1	49.1	1.2	2.4	0.8	672.4
1975/76	20.3	14.9	44.1	1.1	2.6	0.8	697.3
1974/75	20.3	20.0	47.8	1.1	2.0	0.8	800.0
1973/74	20.7	17.6	44.2	1.2	2.1	0.7	784.2
1972/73	18.2	30.1	45.1	1.3	2.6	0.7	598.3
1971/72	19.3	37.8	57.2	1.2	3.0	0.6	857.9

Source: Ministry of Natural Resources, *Statistics*.

Notes: 1. Data are for year ending March 31.
2. Assessment Work refers to mining man-days spent in manual labour, drilling, surveying, assaying, bulldozing, etc.

Table 19.10 Smelting and Refining of Metallic Minerals, Ontario, 1982

	Ontario Mine Production	% Smelted In Ontario	% Smelted In Other Provinces	% Smelted In Outside Canada	% Refined In Ontario	% Refined In Other Provinces	% Refined In Outside Canada
	tonnes						
Cadium	549	83.8	14.9	1.3	83.8	14.9	1.3
Calcium	329	100.0	–	–	100.0	–	–
Cobalt	966	100.0	–	–	41.4	–	58.6
Copper	157,849	54.8	44.8	0.4	46.7	44.8	8.5
Gold	20	87.9	8.7	3.3	87.9	8.7	3.3
Iron Ore	3,650,257	98.4	–	1.6	98.4	–	1.6
Lead	5,697	56.8	8.0	35.2	–	8.0	92.0
Magnesium	7,630	100.0	–	–	100.0	–	–
Nickel	63,956	100.0	–	–	65.7	–	35.2
Platinum Group	7	98.9	1.1	–	–	–	100.0
Silver	347	26.8	50.6	22.6	26.6	50.6	22.8
Zinc	260,544	40.5	32.0	27.4	40.5	32.0	27.4

Source: Ministry of Natural Resources, *Ontario Mineral Score, 1983.*

Chapter 20
Manufacturing

Manufacturing

Manufacturing is the largest single sector in the Ontario economy, accounting for more than one quarter of gross domestic product and about the same proportion of total employment. More than 50% of all value added in Canadian manufacturing originates in Ontario.

Manufacturing is carried out primarily by the private sector, but the federal and provincial governments play important supporting roles. The Ontario government operates programs designed to promote domestic and international trade, to encourage investment opportunities and to strengthen the competitiveness of Ontario's industrial base, while the federal government exercises broadly similar responsibilities in respect of Canada as a whole.

The data in this chapter describe the structure of manufacturing in Ontario in terms of:

- gross domestic product;
- principal statistics;
- products shipped by manufacturers.

Information on trade in manufactured goods, both international and interprovincial, is covered in Chapter 13, Trade, while more data on employment in manufacturing can be found in Chapter 12, Employment. Some additional statistics on manufactured wood products and mineral products are covered in Chapter 18, Forest Industries and in Chapter 19, Mining.

Sources of Data

Estimates of gross domestic product at factor cost for twenty major manufacturing industries are compiled by the Industry Product Division of Statistics Canada and published in *Provincial Gross Domestic Product by Industry, (61-202).* For a more detailed discussion of the gross domestic product concept see Chapter 10, Economic Overview.

The basic source of information in this area is the Census of Manufactures carried out annually by the Manufacturing and Primary Industries Division of Statistics Canada. Responses to this survey are collected from some 36,000 establishments across Canada, each classified to a particular industry, according to the Standard Industrial Classification, on the basis of its principal product. The census provides principal statistics which include number of establishments, employment, wages and salaries, energy costs, cost of material and supplies, value of shipments and value added, as well as data on major products of manufacturers. The principal statistics are available for both manufacturing activity only and for total activity which includes the resale of goods purchased from other suppliers.

Value added for manufacturing activity is defined as the sum of the value of shipments of goods of own manufacture plus net change in inventory of goods in process and finished goods, minus the cost of materials and supplies used and the cost of fuel and electricity. This concept is very closely related to the value added approach of gross domestic product by industry but there are some differences in treatment which result in slightly different numbers. Estimates of gross domestic product for manufacturing industries do not include the cost of service inputs, while value added from the Census of Manufactures does. The gross domestic product data should therefore be used when making comparisons between total manufacturing and other major industrial groupings.

Statistics Canada publishes a number of summary reports for Canada and the provinces (series 31). The main publication dealing with provincial data is *Manufacturing Industries of Canada: National and Provincial Areas, (31-203),* which is issued annually. Aggregate data are also available on CANSIM. As well, more than 120 reports on specific individual industries are published in series 32 to 47. Further information about the Census of Manufactures is available in *Concepts and Definitions of the Census of Manufactures, (31-528),* or from the Manufacturing and Primary Industries Division of Statistics Canada, telephone Ottawa, 990-9820.

Because of the scope of the Census of Manufactures, data for most industries are available only after a lag of eighteen months or more following the reference period. More current data on manufacturing shipments are available from Statistics Canada in their monthly publication, *Inventories, Shipments and Orders in Manufacturing Industries, (31-001).* The estimates in this publication are monthly projections of the annual Census of Manufactures values based on returns of a stratified sample of establishments. These projections are benchmarked to the annual census data as they become available.

The Company Information Centre of the Ministry of Industry and Trade, telephone Toronto, 965-7972, maintains a databank of manufacturing companies in Ontario. In 1983, an extensive survey of manufacturers was conducted to develop company profiles, with the database continually updated by Ministry field staff. Information on product lines and employee size for individual companies is published in the 1984 edition of *Made in Ontario*.

Other possible sources of data on manufacturing include trade associations such as the Canadian Manufacturers' Association (CMA). The CMA Servicentre, which provides information to its members and to the general public, can be reached from Toronto, telephone 363-1474, or toll free from other parts of Ontario at 1-800-268-9684.

Manufacturing

Charts:

20.1 Annual Gross Domestic Product, Manufacturing, Ontario, 1971 to 1981
20.2 Principal Statistics, Manufacturing, Ontario, 1971 to 1981
20.3 Manufacturing: Value of Shipments, Value Added by Industry Group, Ontario, 1981
20.4 Manufacturing Value Added and Production and Related Workers, Ontario and Other Regions of Canada, 1981

Tables:

20.1 Gross Domestic Product, Manufacturing, by Industry, Ontario, 1971 to 1981
20.2 Principal Statistics of Manufacturing Industry, Ontario and Other Regions of Canada, Selected Years, 1961 to 1981
20.3 Principal Statistics of Manufacturing Industry by Type of Ownership, Ontario, 1981
20.4 Principal Statistics by Manufacturing Industry Group, Ontario, 1981
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20.6 Value of Shipments in Manufacturing, Ontario Compared to Canada, 1982 and 1983
20.7 Motor Vehicle Products Shipped by Manufacturers, Ontario Compared to Canada, 1980
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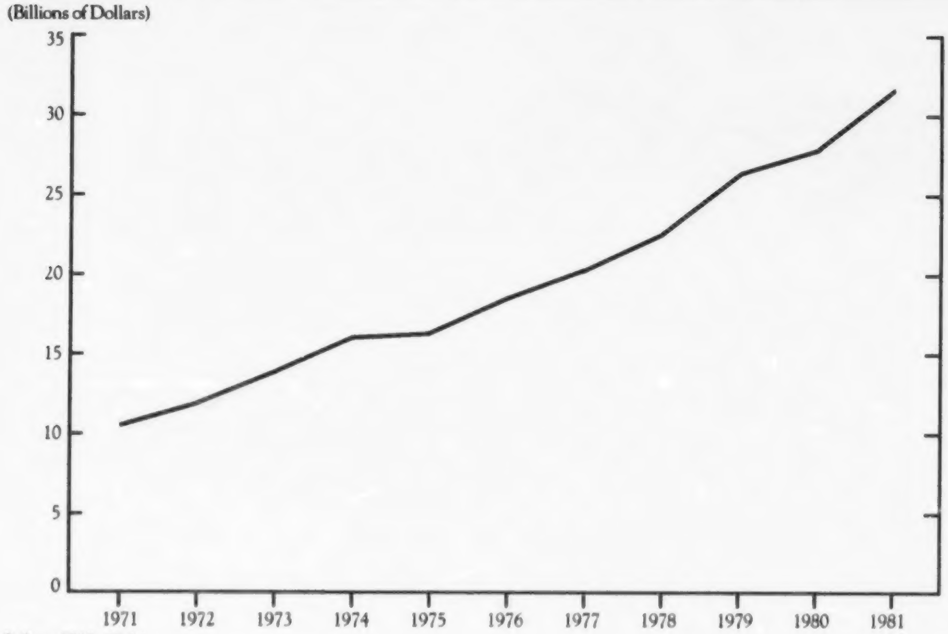
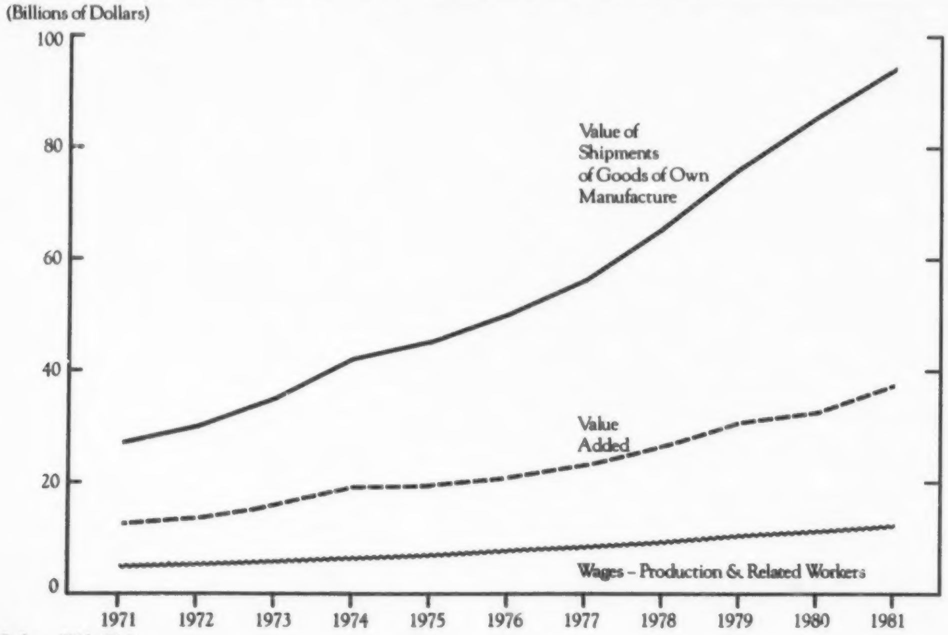
Chart 20.1 Annual Gross Domestic Product, Manufacturing, Ontario, 1971 to 1981



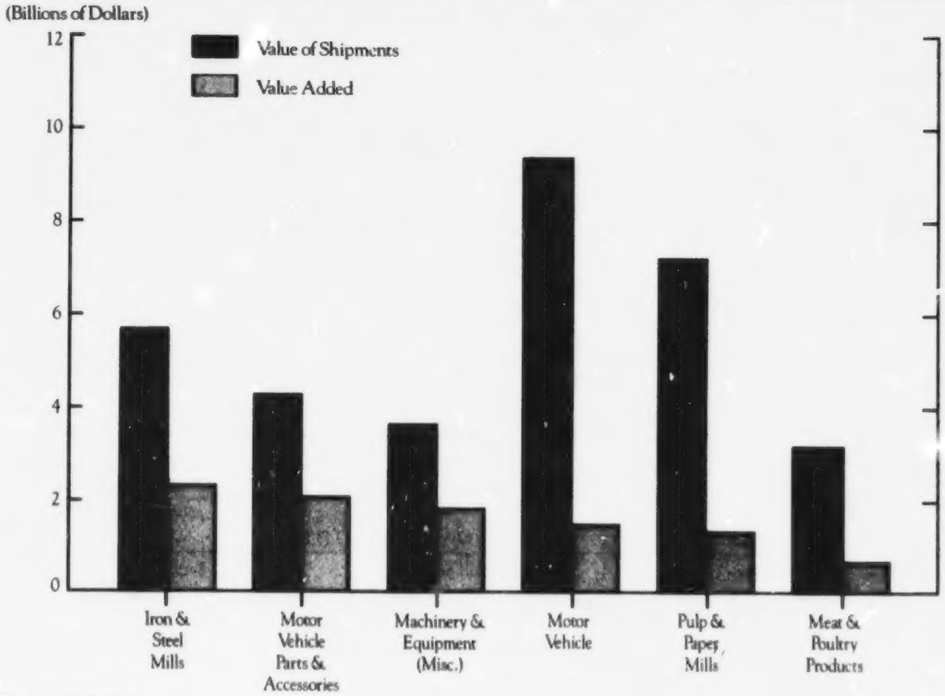
Refer to Table 10.14

Chart 20.2 Principal Statistics, Manufacturing, Ontario, 1971 to 1981



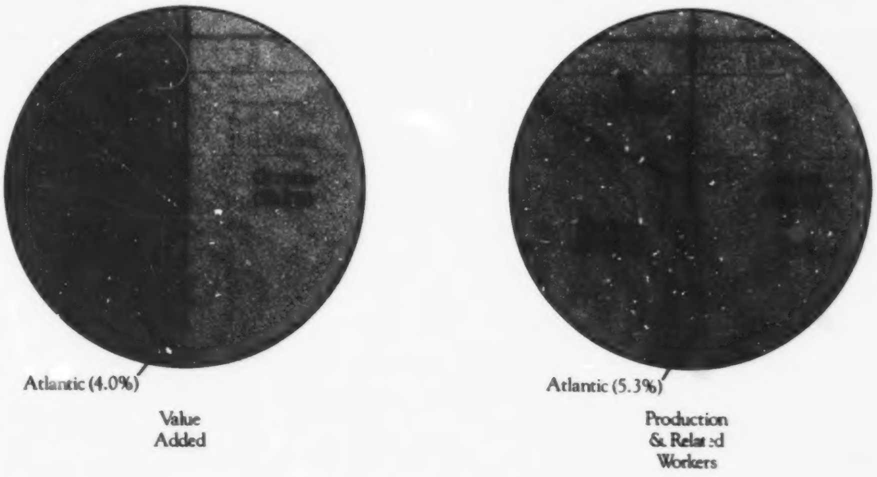
Refer to Table 20.2

Chart 20.3 Manufacturing: Value of Shipments, Value Added by Industry Group, Ontario, 1981



Refer to Table 20.5

Chart 20.4 Manufacturing Value Added and Production and Related Workers, Ontario and Other Regions of Canada, 1981



Refer to Table 20.2

Table 20.1 Gross Domestic Product, Manufacturing, by Industry, Ontario, 1971 to 1981

	Food & Beverages		Tobacco Products		Rubber & Plastic Products	
Year	Value	% of Total G.D.P.	Value	% of Total G.D.P.	Value	% of Total G.D.P.
	$ millions		$ millions		$ millions	
1981	3,439.4	3.0	183.1	0.2	1,159.3	1.0
1980	3,133.3	3.1	149.2	0.1	1,052.4	1.0
1979	2,703.1	3.0	129.7	0.1	993.8	1.1
1978	2,402.9	3.0	127.5	0.2	822.6	1.0
1977	2,195.3	3.0	171.5	0.2	725.5	1.0
1976	2,059.5	3.1	114.6	0.2	637.6	1.0
1975	1,848.0	3.2	120.5	0.2	566.6	1.0
1974	1,522.4	2.9	99.4	0.2	592.2	1.1
1973	1,440.3	3.2	84.4	0.2	532.7	1.2
1972	1,240.9	3.2	88.1	0.2	449.9	1.2
1971	1,132.9	3.3	80.3	0.2	378.6	1.1

Table 20.1 (cont'd.)

	Leather		Textiles		Knitting Mills	
Year	Value	% of Total G.D.P.	Value	% of Total G.D.P.	Value	% of Total G.D.P.
	$ millions		$ millions		$ millions	
1981	258.8	0.2	965.9	0.8	118.5	0.1
1980	228.3	0.2	787.5	0.8	113.3	0.1
1979	189.5	0.2	718.0	0.8	104.3	0.1
1978	178.4	0.2	624.7	0.8	92.1	0.1
1977	146.2	0.2	546.8	0.8	78.7	0.1
1976	147.4	0.2	477.7	0.7	75.3	0.1
1975	124.7	0.2	402.7	0.7	69.0	0.1
1974	110.7	0.2	435.9	0.8	61.7	0.1
1973	92.5	0.2	397.3	0.9	57.9	0.1
1972	79.5	0.2	357.8	0.9	54.0	0.1
1971	83.5	0.2	305.8	0.9	49.2	0.1

Table 20.1 (cont'd.)

	Clothing		Wood		Furniture & Fixtures	
Year	Value	% of Total G.D.P.	Value	% of Total G.D.P.	Value	% of Total G.D.P.
	$ millions		$ millions		$ millions	
1981	502.8	0.4	532.6	0.5	660.8	0.6
1980	455.4	0.5	486.3	0.5	543.1	0.5
1979	418.1	0.5	536.4	0.6	468.3	0.5
1978	341.7	0.4	437.2	0.5	399.0	0.5
1977	295.6	0.4	364.6	0.5	347.3	0.5
1976	272.9	0.4	301.3	0.4	347.5	0.5
1975	228.9	0.4	269.7	0.5	310.2	0.5
1974	197.0	0.4	285.1	0.5	292.1	0.6
1973	174.6	0.4	261.3	0.6	257.0	0.6
1972	160.4	0.4	185.7	0.5	216.7	0.6
1971	144.3	0.4	143.8	0.4	171.4	0.5

Table 20.1 (cont'd.)

	Paper & Allied Products		Printing, Publishing & Allied		Primary Metals	
Year	Value	% of Total G.D.P.	Value	% of Total G.D.P.	Value	% of Total G.D.P.
	$ millions		$ millions		$ millions	
1981	1,850.9	1.6	1,680.0	1.5	2,889.4	2.5
1980	1,720.7	1.7	1,493.6	1.5	2,625.6	2.6
1979	1,436.8	1.6	1,284.3	1.4	2,521.0	2.8
1978	1,149.9	1.4	1,143.4	1.4	2,107.6	2.6
1977	1,063.7	1.5	999.9	1.4	1,897.8	2.6
1976	964.7	1.4	902.9	1.3	1,700.4	2.5
1975	842.5	1.4	809.7	1.4	1,476.9	2.5
1974	1,045.2	2.0	720.0	1.4	1,457.0	2.8
1973	711.8	1.6	643.1	1.4	1,288.9	2.9
1972	592.9	1.5	548.6	1.4	1,127.6	2.9
1971	541.5	1.6	480.0	1.4	1,063.5	3.1

Table 20.1 (cont'd.)

	Metal Fabricating		Machinery		Transportation Equipment	
Year	Value	% of Total G.D.P.	Value	% of Total G.D.P.	Value	% of Total G.D.P.
	$ millions		$ millions		$ millions	
1981	2,984.1	2.6	2,284.3	2.0	3,946.2	3.4
1980	2,648.7	2.6	2,153.1	2.1	3,262.1	3.2
1979	2,468.8	2.7	1,875.6	2.1	4,062.3	4.5
1978	2,135.6	2.7	1,483.7	1.8	3,885.1	4.8
1977	1,889.3	2.6	1,228.8	1.7	3,433.8	4.7
1976	1,830.0	2.7	1,121.2	1.7	2,901.0	4.3
1975	1,593.1	2.7	1,051.0	1.8	2,461.5	4.2
1974	1,586.7	3.0	980.0	1.9	2,669.6	5.1
1973	1,257.2	2.8	749.2	1.7	2,423.5	5.4
1972	1,066.8	2.8	666.2	1.7	2,060.4	5.3
1971	976.0	2.8	621.0	1.8	1,722.1	5.0

Table 20.1 (cont'd.)

	Electrical Products		Non-Metallic Mineral Products		Petroleum & Coal Products	
Year	Value	% of Total G.D.P.	Value	% of Total G.D.P.	Value	% of Total G.D.P.
	$ millions		$ millions		$ millions	
1981	2,872.9	2.5	895.9	0.8	431.8	0.4
1980	2,345.7	2.3	848.8	0.8	337.0	0.3
1979	2,139.2	2.4	873.5	1.0	244.4	0.3
1978	1,747.6	2.2	756 3	0.9	220.6	0.3
1977	1,581.6	2.2	657.7	0.9	256.0	0.4
1976	1,541.7	2.3	647.4	1.0	202.3	0.3
1975	1,416.3	2.4	587.4	1.0	148.2	0.3
1974	1,384.4	2.6	568.1	1.1	143.2	0.3
1973	1,243.0	2.8	507.6	1.1	103.2	0.2
1972	1,009.2	2.6	427.2	1.1	99.4	0.3
1971	871.9	2.5	372.9	1.1	89.0	0.3

Table 20.1 (cont'd.)

Year	Chemicals & Chemical Products		Miscellaneous Manufacturing		Total Manufacturing	
	Value	% of Total G.D.P.	Value	% of Total G.D.P.	Value	% of Total G.D.P.
	$ millions		$ millions		$ millions	
1981	2,499.4	2.2	1,173.5	1.0	31,329.6	27.3
1980	2,177.9	2.2	1,007.5	1.0	27,569.5	27.4
1979	1,959.0	2.2	889.4	1.0	26,015.3	28.7
1978	1,488.7	1.9	760.9	0.9	22,305.5	27.8
1977	1,326.2	1.8	688.8	0.9	19,895.1	27.3
1976	1,249.8	1.9	683.3	1.0	18,178.5	27.1
1975	1,098.9	1.9	586.2	1.0	16,012.0	27.4
1974	1,063.5	2.0	543.8	1.0	15,758.0	30.0
1973	831.0	1.9	467.8	1.0	13,524.3	30.3
1972	696.7	1.8	420.5	1.1	11,548.5	29.8
1971	673.6	2.0	370.6	1.1	10,271.9	29.8

Sources: Statistics Canada, *Provincial Gross Domestic Product by Industry*, (61-202).
Provincial Economic Accounts, (13-213).

Table 20.2 **Principal Statistics of Manufacturing Industry, Ontario and Other Regions of Canada, Selected Years, 1961 to 1981**

Year	Establishments	Manufacturing Activity Only						
		Production & Related Workers			Cost of Fuel & Electricity	Cost of Materials & Supplies Used	Value of Shipments of Goods of Own Manufacture	Value Added
		Male	Female	Wages				
		number			$ millions			
1981								
Ontario	14,553	486,654	156,555	11,836.8	2,357.0	55,853.6	94,061.1	37,053.1
Atlantic	1,906	55,073	15,392	1,174.7	499.4	5,815.8	9,155.1	2,976.4
Quebec	10,915	286,305	100,392	6,582.9	1,538.7	29,191.6	50,141.9	20,331.9
West	8,406	196,572	40,386	4,938.5	1,079.2	23,480.6	37,569.0	13,522.4
Canada	35,780	1,024,604	312,725	24,532.8	5,474.3	114,341.6	190,927.2	73,883.9
Ontario % of Canada	40.7	47.5	50.1	48.2	40.8	48.8	49.3	50.2
Ontario								
1980	14,454	493,844	154,921	10,696.8	1,932.4	48,925.3	82,171.1	32,246.7
1979	14,104	506,432	154,220	10,019.4	1,739.0	45,394.1	76,220.2	30,327.5
1978	13,079	485,368	148,131	8,830.7	1,536.3	38,110.2	65,111.9	25,910.5
1977	11,414	467,174	138,622	7,899.0	1,310.7	32,256.2	55,590.9	22,554.7
1976	11,879	471,917	144,424	7,254.0	1,065.4	28,660.8	49,646.1	20,362.4
1975	12,245	470,463	142,282	6,316.6	791.5	25,560.1	44,422.8	18,357.8
1974	12,662	482,307	150,543	5,914.1	692.7	23,577.7	41,404.4	18,128.8
1973	12,397	471,403	145,532	5,186.7	554.6	19,081.9	34,322.2	15,055.4
1972	12,589	449,090	134,842	4,507.4	491.7	16,020.2	29,225.0	12,869.8
1971	12,740	437,090	126,774	4,020.6	455.8	14,250.7	26,270.6	11,596.5
1966	12,986	453,888	124,671	2,912.7	339.7	10,712.9	19,452.6	8,648.2
1961	12,419	343,026	90,033	1,739.1	237.4	6,129.2	11,563.7	5,244.8

Table 20.2 (cont'd.)

	Total Activity								
	Working Owners & Partners	Administrative, Office & Other Non-manufacturing Employees			Total Employees		Cost of Materials, Supplies & Goods for Resale	Value of Shipments & Other Revenue	Value Added
Year		Male	Female	Salaries	Number	Salaries & Wages			
		number		$ millions			$ millions		
1981									
Ontario	2,276	184,894	83,707	6,623.6	911,810	18,460.4	70,586.2	111,628.4	39,887.8
Atlantic	417	15,888	5,216	450.8	91,569	1,625.5	7,010.9	10,457.1	3,083.3
Quebec	2,223	99,370	39,776	3,260.7	525,843	9,843.6	33,632.2	55,450.0	21,199.5
West	1,044	62,874	24,672	2,228.4	324,504	7,166.8	26,208.6	40,864.7	14,090.0
Canada	5,960	363,026	153,371	12,563.5	1,853,726	37,096.3	137,438.0	218,400.3	78,260.6
Ontario % of Canada	38.2	50.9	54.6	52.7	49.2	49.8	51.4	51.1	51.0
Ontario									
1980	2,520	180,789	80,410	5,757.6	909,964	16,454.3	62,111.3	97,921.8	34,811.4
1979	2,634	177,358	75,602	5,081.0	913,612	15,100.3	58,967.7	92,213.2	32,746.9
1978	2,438	174,790	72,517	4,539.2	880,806	13,369.3	49,193.8	78,072.3	27,787.3
1977	1,926	169,244	68,288	4,082.0	843,328	11,981.0	42,289.2	67,340.7	24,271.4
1976	2,265	168,443	67,027	3,717.3	851,811	10,971.3	36,869.4	59,588.0	22,095.6
1975	2,777	170,939	66,607	3,356.5	850,291	9,673.1	32,763.8	53,355.9	20,122.9
1974	2,798	180,836	70,044	3,160.0	883,730	9,074.1	30,003.0	49,431.2	19,920.5
1973	3,460	177,593	67,239	2,761.2	861,767	7,948.0	24,033.8	40,569.1	16,441.8
1972	3,828	176,676	63,006	2,482.2	821,614	6,989.6	19,991.9	34,337.8	14,050.1
1971	4,032	174,049	62,134	2,305.9	800,047	6,326.5	17,687.8	30,611.1	12,537.2
1966	5,101	177,972	63,856	1,659.0	820,387	4,571.7	12,562.3	21,833.6	9,209.6
1961	5,973	152,407	53,291	1,120.6	638,757	2,859.7	7,095.4	12,821.7	5,553.2

Source: Statistics Canada, *Manufacturing Industries of Canada: National and Provincial Areas*, (31-203).

Table 20.3 **Principal Statistics of Manufacturing Industry by Type of Ownership, Ontario, 1981**

		Manufacturing Activity Only						
	Establishments	Production & Related Workers			Cost of Fuel & Electricity	Cost of Materials & Supplies Used	Value of Shipments of Goods of Own Manufacture	Value Added
		Male	Female	Wages				
		number				$ millions		
Individual Ownership	1,336	1,874	732	33.0	0.2	79.8	140.7	60.7
Partnership	488	1,624	1,494	42.5	4.5	231.7	355.8	122.1
Incorporated Companies	12,696	482,542	154,140	11,748.4	2,348.7	55,347.4	93,325.9	36,828.6
Co-operatives	33	614	189	12.9	3.5	194.7	238.7	41.6
Total	14,553	486,654	156,555	11,836.8	2,357.0	55,853.6	94,061.1	37,053.1

Table 20.3 (cont'd.)

		Total Activity							
	Working Owners & Partners	Administrative, Office & Other Non-manufacturing Employees			Total Employees		Cost of Materials, Supplies & Goods for Resale	Value of Shipments & Other Revenue	Value Added
		Male	Female	Salaries	Number	Salaries & Wages			
		number		$ millions			$ millions		
Individual Ownership	1,325	73	59	1.9	2,738	34.9	83.8	145.4	61.5
Partnership	951	264	165	10.3	3,547	52.7	260.1	390.3	128.3
Incorporated Companies	–	184,354	83,351	6,604.8	904,387	18,353.2	69,972.1	110,774.8	39,652.7
Co-operatives	–	203	132	6.7	1,138	19.6	270.3	318.0	45.3
Total	2,276	184,894	83,707	6,623.6	911,810	18,460.4	70,586.2	111,628.5	39,887.8

Source: Statistics Canada, *Manufacturing Industries of Canada: National and Provincial Areas*, (31-203).

Table 20.4 Principal Statistics by Manufacturing Industry Group, Ontario, 1981

	Establishments	Production & Related Workers			Cost of Fuel & Electricity	Cost of Materials & Supplies Used	Value of Shipments of Goods of Own Manufacture	Value Added
		Male	Female	Wages				
		number				$ millions		
Food & Beverage	1,472	40,504	17,329	1,016.5	190.8	8,330.1	12,575.8	4,146.7
Tobacco Products	11	1,476	844	48.1	4.3	542.6	768.7	280.5
Rubber	535	19,042	8,914	462.4	62.4	1,530.8	2,850.7	1,278.9
Leather	169	4,211	7,615	142.2	6.9	351.2	666.7	311.4
Textile Mills	393	12,598	12,221	382.1	58.0	1,213.4	2,339.0	1,115.1
Knitting Mills	90	1,713	4,405	68.6	5.3	144.6	292.8	143.6
Clothing	451	3,860	18,054	239.5	4.7	490.6	1,056.4	574.8
Wood	774	15,541	2,158	287.2	43.7	791.9	1,436.1	614.0
Furniture & Fixture	958	17,467	5,223	330.5	15.5	750.1	1,518.2	768.9
Paper & Allied	342	30,626	5,651	749.6	324.8	2,702.8	5,129.8	2,121.6
Printing, Publishing & Allied	1,947	21,802	8,847	559.1	22.4	1,165.5	3,169.4	1,996.8
Primary Metal	231	53,209	2,204	1,232.6	455.3	4,793.1	8,529.8	3,353.7
Metal Fabricating	2,624	59,041	8,384	1,232.0	92.9	3,500.5	6,800.7	3,329.9
Machinery	837	37,708	3,581	822.9	46.2	2,898.0	5,346.5	2,444.9
Transportation Equipment	531	76,617	9,386	1,887.6	150.6	11,118.9	15,780.8	4,594.5
Electrical Products	639	34,621	22,485	976.0	63.4	3,001.5	5,997.5	3,091.8
Non-Metallic Mineral Products	574	16,536	1,867	362.5	198.2	820.8	2,070.9	1,065.9
Petroleum & Coal Products	37	3,166	116	96.8	100.5	6,004.5	7,199.6	1,281.3
Chemical & Chemical Products	619	20,614	5,303	530.5	485.5	4,244.4	7,741.6	3,205.3
Miscellaneous Manufacturing	1,319	16,302	11,968	410.1	25.7	1,458.2	2,790.0	1,333.4
Total	14,553	486,654	156,555	11,836.8	2,357.0	55,853.6	94,061.1	37,053.1

Source: Statistics Canada, *Manufacturing Industries of Canada: National and Provincial Areas*, (31-203).

Notes: 1. Data are for manufacturing activity only for major industry groups.
2. For small establishments, the cost of fuel and electricity is included in the cost of materials and supplies.

Table 20.5 **Principal Statistics of the Leading Manufacturing Industries, Ontario, 1981**

	Rank	Establishments	Production & Related Workers			Cost of Fuel & Electricity	Cost of Materials & Supplies Used	Value of Shipments of Goods of Own Manufacture	Value Added
			Male	Female	Wages				
			number				$ millions		
Iron & Steel Mills	1	22	31,896	1,067	782.8	277.3	3,118.4	5,610.4	2,260.2
Motor Vehicle Parts & Accessories	2	266	30,209	7,685	838.2	78.8	2,209.9	4,217.4	2,016.2
Miscellaneous Machinery & Equipment	3	689	26,420	2,049	549.2	28.1	1,797.1	3,559.6	1,747.2
Motor Vehicles	4	10	26,570	568	623.5	51.7	7,891.5	9,336.2	1,442.5
Petroleum Refineries	5	21	3,098	113	95.6	99.2	5,986.7	7,175.3	1,276.1
Pulp & Paper Mills	6	36	17,408	471	426.9	294.1	1,290.9	2,847.8	1,274.2
Communications Equipment	7	238	9,551	9,685	340.9	11.3	672.8	1,711.8	1,052.8
Industrial Chemicals	8	60	7,506	27	202.6	412.9	1,702.7	3,039.4	1,045.8
Beverage	9	106	5,545	657	139.4	31.9	624.1	1,576.5	946.6
Commercial Printing	10	1,149	14,252	5,906	359.5	13.2	657.9	1,579.5	922.3
Metal Stamping, Pressing & Coating	11	474	12,102	2,339	262.0	27.0	1,144.8	1,953.7	798.1
Electrical Industrial Equipment	12	153	10,189	4,404	250.0	14.1	606.8	1,347.3	754.9
Plastics Fabricating Industry, N.E.S.	13	454	9,448	6,634	231.4	30.6	839.0	1,538.2	677.4
Publishing & Printing	14	231	5,024	1,617	128.8	7.3	249.5	925.4	668.5
Meat & Poultry Products	15	216	9,581	3,645	248.2	29.6	2,441.4	3,086.2	636.8
Aircraft & Aircraft Parts	16	49	9,795	719	213.4	8.0	340.6	987.6	626.7
Rubber Products	17	81	9,594	2,280	231.0	31.8	691.8	1,312.5	601.5
Scientific & Professional Equipment	18	459	6,314	4,943	172.3	8.4	498.1	1,076.3	586.6
Miscellaneous Metal Fabricating	19	351	9,564	1,770	192.6	21.0	576.8	1,134.8	563.1
Miscellaneous Chemical	20	217	4,336	1,092	95.3	15.1	698.1	1,246.9	552.3
Hardware, Tool & Cutlery	21	614	9,470	1,672	205.7	8.6	250.9	740.1	495.5
Pharmaceuticals & Medicines	22	70	1,963	2,048	65.3	6.9	248.7	738.2	493.9
Soap & Cleaning Compounds	23	56	2,121	652	52.2	10.5	464.9	895.6	432.5
Paper Box & Bag	24	168	7,488	2,492	176.7	15.6	730.8	1,153.8	411.9
Miscellaneous Paper Converters	25	133	5,394	2,671	139.9	13.2	617.0	1,025.5	402.3

Source: Statistics Canada, *Manufacturing Industries of Canada: National and Provincial Areas (31-203).*

Note: Data are for manufacturing activity only.

Table 20.6 Value of Shipments in Manufacturing, Ontario Compared to Canada, 1982 and 1983

	Shipments	
	Ontario	% of Canada
	$ millions	
Food & Beverages		
1983	13,517.7	39.5
1982	12,931.9	39.1
Tobacco Products		
1983	803.8	53.1
1982	822.2	55.2
Rubber & Plastics		
1983	2,894.1	61.0
1982	2,618.1	61.5
Leather		
1983	677.4	57.1
1982	580.5	54.4
Textiles		
1983	2,504.4	47.8
1982	2,080.3	47.7
Knitting Mills		
1983	306.4	28.2
1982	281.3	28.6
Clothing		
1983	1,046.6	25.4
1982	984.5	25.7
Wood		
1983	1,596.8	16.7
1982	1,185.1	16.6
Furniture & Fixtures		
1983	1,498.8	54.8
1982	1,282.5	54.9
Paper & Allied Products		
1983	5,198.0	33.6
1982	4,738.8	32.3
Printing, Publishing & Allied Products		
1983	3,527.4	50.0
1982	3,229.5	49.2
Primary Metals		
1983	7,848.1	58.9
1982	7,080.1	60.2
Metal Fabricating		
1983	6,536.5	56.9
1982	6,318.8	54.6
Machinery		
1983	4,276.2	65.6
1982	4,655.3	63.0
Transportation Equipment		
1983	22,155.3	80.9
1982	17,487.6	78.3
Electrical Products		
1983	5,601.9	65.7
1982	5,692.4	67.0

Table 20.6 (cont'd.)

	Shipments	
	Ontario	% of Canada
	$ millions	
Non-Metallic Mineral Products		
1983	2,181.2	47.5
1982	1,906.7	44.6
Petroleum & Coal Products		
1983	7,749.0	34.4
1982	7,521.1	35.1
Chemical & Chemical Products		
1983	8,618.8	59.6
1982	7,611.7	59.1
Miscellaneous Manufacturing		
1983	2,970.8	69.0
1982	2,671.5	68.8
Total		
1983	101,509.0	50.7
1982	91,679.8	49.9

Source: Statistics Canada, *Inventories, Shipments and Orders in Manufacturing Industries, (31-001).*

Table 20.7 Motor Vehicle Products Shipped by Manufacturers, Ontario Compared to Canada, 1980

	Shipments	
	Ontario	% of Canada
	$ '000's	
Trucks & Chassis, 6,000 lbs. & Under (M.G.V.W.)	1,497,649	100.0
Trucks & Chassis, Commercial, 33,001 lbs. & Over (M.G.V.W.)	240,618	43.6
Commercial Trailers	156,340	59.7
Mobile Homes	12,470	8.7
Travel & Tent Trailers	42,510	..
Dump Truck Bodies	13,493	42.3
Stake Bodies	4,276	25.7
Tank Bodies, Truck & Trailer	7,628	31.8
Utility & Service Truck Bodies	13,835	60.1
Bodies for Trucks & Trailers, Other	30,411	50.1
Off-Highway Trucks	139,846	100.0
Motor Homes	14,610	19.7
Parts for Motor Vehicle Engines	436,103	93.7
Stampings, Motor Vehicle	486,192	96.1
Steering, Suspension, Front Axles, & Parts, Motor Vehicle	378,250	91.0
Wheels & Brakes, Motor Vehicle	458,961	96.7
Motor Vehicle Accessories, Parts & Assemblies, Other	1,238,006	93.2
Other	7,648,488	81.8
Total	12,819,686	83.1

Source: Statistics Canada, *Products Shipped by Canadian Manufacturers, (31-211).*

Notes: 1. M.G.V.W. signifies maximum gross vehicle weight.
2. Travel and Tent Trailers, Ontario as percent of Canada, not available due to confidentiality.
3. Stake Bodies includes grain and cattle types.
4. Utility and Service Truck Bodies includes tires and tow trucks.
5. Other includes all confidential commodities (at four digit level Industrial Commodity Classification).

Table 20.8 Petroleum and Coal Products Shipped by Manufacturers, Ontario Compared to Canada, 1980

	Shipments	
	Ontario	% of Canada
	$ '000's	
Motor Gasoline	1,782,405	32.7
Aviation Turbo Fuel	169,645	26.9
Kerosene Stove Oil & Tractor Fuel	108,286	..
Diesel Fuel	374,554	19.9
Light Fuel Oils	593,610	..
Heavy Fuel Oils	471,171	..
Lubricating Oils	77,105	58.5
Lubricating Greases	17,881	..
Asphalt, Asphalt Mixtures & Emulsions	77,562	17.3
Naphtha & Naphtha Specialties	21,337	..
Coal Tar & Pitch	55,839	96.3
Other	884,224	16.9
Total	4,633,619	32.7

Source: Statistics Canada, *Products Shipped by Canadian Manufacturers, (31-211).*

Notes: 1. Motor Gasoline excludes aviation.
2. Ontario as percent of Canada not available where indicated due to confidentiality.

Table 20.9 Iron and Steel and Alloys Shipped by Manufacturers, Ontario Compared to Canada, 1980

	Shipments	
	Ontario	% of Canada
	$ '000's	
Iron Castings	260,708	73.4
Steel Castings	116,705	43.0
Steel Forgings	128,949	94.9
Bars, Hot Rolled or Cold Finished	533,025	..
Bars or Rods, Steel, Fabricated	86,845	62.8
Sheet & Strip, Unfabricated, Steel	1,267,668	84.6
Plate, Fabricated Steel	77,514	47.6
Structural Shapes, Fabricated, Steel	35,309	28.5
Railway Track Material	53,530	..
Cast Iron Pipe	46,190	69.0
Pipes & Tubing, Steel, N.E.S.	182,521	69.0
Pipe & Tubing, Steel, Fabricated	6,282	41.6
Wire, Plain, Not Coated, Steel	144,915	..
Wire, Plain, Coated, Steel	42,699	..
Other	3,346,376	60.2
Total	6,329,236	71.2

Source: Statistics Canada, *Products Shipped by Canadian Manufacturers, (31-211).*

Notes: 1. Ontario as percent of Canada not available where indicated due to confidentiality.
2. (a) Bars, Hot Rolled includes hot drawn, hot forged and hot extruded.
(b) Bars, Cold Finished includes cold drawn or cold rolled.
3. Sheet and Strip, Unfabricated, Steel excludes coated or clad.
4. Wire, Plain, Coated, Steel excludes insulated steel.

Table 20.10 Pulp and Paper Products Shipped by Manufacturers, Ontario Compared to Canada, 1980

	Shipments	
	Ontario	% of Canada
	$ '000's	
Wood Pulp, Sulphate & Soda, Paper Grade	694,811	19.2
Wood Pulp, Sulphite, Paper Grade	19,611	7.6
Standard Newsprint	761,760	..
Groundwood Printing & Specialty Papers	169,992	..
Fine Papers	304,916	61.7
Wrapping & Converting Paper, Bleached Sulphite & Bleached Sulphate	42,538	57.3
Paperboard, Container Grade	143,616	25.8
Paperboard, Boxboard Grade	124,394	40.6
Building Paper	91,481	33.0
Corrugated Paper Products	26,324	..
Paper, Coated with Plastic Materials	16,460	23.0
Miscellaneous Converted Paper	102,943	72.8
Wallpaper	72,981	100.0
Other	..	..
Total	..	..

Source: Statistics Canada, *Products Shipped by Canadian Manufacturers*, (31-211).

Notes: 1. Data not available where indicated due to confidentiality.
2. Groundwood Printing and Specialty Papers includes uncoated grades with more than 25% ground wood pulp.
3. Fine Papers excludes miscellaneous fine papers.

Chapter 21
Construction

Construction

Construction is the second largest of the goods-producing industries in Ontario, accounting for about 5% of both gross domestic product and total employment. Approximately one-quarter of the value of construction in Canada takes place in Ontario.

Most construction work is performed by the private sector, but governments are heavily involved in areas such as highways and electric power construction. Governments operate programs to stimulate the housing market. The Provincial government also sets building standards, which are administered by municipalities.

This chapter contains two types of information: data on the construction industry itself and data on construction activity in all industries. The construction industry itself is comprised of only those business establishments primarily engaged in the creation, renovation, repair and demolition of immobile structures. Construction activity includes not only the output of the construction industry, but also the output of construction labour forces employed in all other industries.

Data on housing and on household facilities can be found in Chapter 8, Housing and Chapter 9, Household Facilities. Chapter 24, Finance, Insurance, Real Estate and Business Services provides limited information on mortgage financing, real estate sales and architects' offices.

Sources of Data

The main sources of data on construction are:

- compilations of building permits issued by municipalities;
- Canada Mortgage and Housing Corporation surveys of housing starts and completions;
- Statistics Canada's twice-yearly survey of capital expenditure intentions and various censuses of contractors.

Statistics Canada publishes monthly statistics on building permits gathered from some 2,000 reporting municipalities across Canada, representing virtually 100% of urban municipalities which issue permits and about 75% of issuers for rural areas. The information collected includes both residential and non-residential buildings, classified by intended use of the structure as stated on the permit. Minor repairs are excluded, but conversions of existing structures are covered. The building permit data do not cover total construction activity since many large projects, such as pipelines and highways, do not require permits. Also, large plants may be located outside the boundaries of permit-issuing municipalities.

Data on building permits issued are often used as a leading indicator of building activity. However, there can be considerable variation in the amount of time between the issuing of a permit and the beginning of construction. The data are published in the monthly *Building Permits, (64-001)*, and in *Building Permits, Annual Summary, (64-203)*. Aggregate data can be obtained from CANSIM.

Data on housing starts and completions are published by Statistics Canada based on surveys carried out by Canada Mortgage and Housing Corporation. Monthly surveys are conducted for urban centres of 10,000 population and over, while quarterly surveys cover both urban and rural areas. These data exclude conversions to existing structures, dwellings not intended for year-round occupancy and collective type living quarters such as health care facilities, religious and educational institutions, and hotels and lodging houses. Thus, the definition of a dwelling unit used is somewhat narrower than the Census of Canada definition. The data are published monthly in *Housing Starts and Completions, (64-002)*, while aggregate information is available from CANSIM.

Statistics Canada surveys investment intentions twice yearly to collect information on capital and repair expenditures on construction and on machinery and equipment. This survey is discussed more fully in Chapter 10, Economic Overview. The construction portion of this survey forms the basis for estimates of total construction activity. To obtain complete coverage, Statistics Canada also carries out annual censuses of mechanical, electrical and other special trade contractors, and highway, road, bridge, heavy engineering, residential and non-residential general contractors. Data classified by about seventy different types of structure are published annually in *Construction in Canada, (64-201)*. Statistics Canada also issues information on specific types of contractors in a number of publications in series 64.

Aggregate information on building permits, housing starts, completions and total construction activity is available on CANSIM. Further information can be obtained from the Construction Division of Statistics Canada, telephone Ottawa, 990-9812.

Construction

Charts:

21.1 Provincial Domestic Product: Construction, Percent of Total G.D.P., Ontario, 1971 to 1981
21.2 Value of Building Permits Issued, Ontario, 1971 to 1982
21.3 Dwelling Completions, Ontario, 1956 and 1982
21.4 Non-Residential Construction Work Purchased by Type of Structure, Ontario, Selected Years, 1966 to 1981

Tables:

21.1 Gross Domestic Product: Construction, Ontario, 1971 to 1981
21.2 Residential Building Permits Issued by Type of Dwelling Unit, Ontario and Other Regions of Canada, 1971 to 1982
21.3 Value of Residential Building Permits Issued by Type of Dwelling Unit, Ontario and Other Regions of Canada, 1971 to 1982
21.4 Value of Residential Building Permits Issued, Ontario and Other Regions of Canada, 1971 to 1982
21.5 Non-Residential Building Permits Issued by Type, Ontario and Other Regions of Canada, 1973 to 1982
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21.13 Value of Residential Construction Work Purchased by Type of Structure, Ontario, Selected Years, 1966 to 1983
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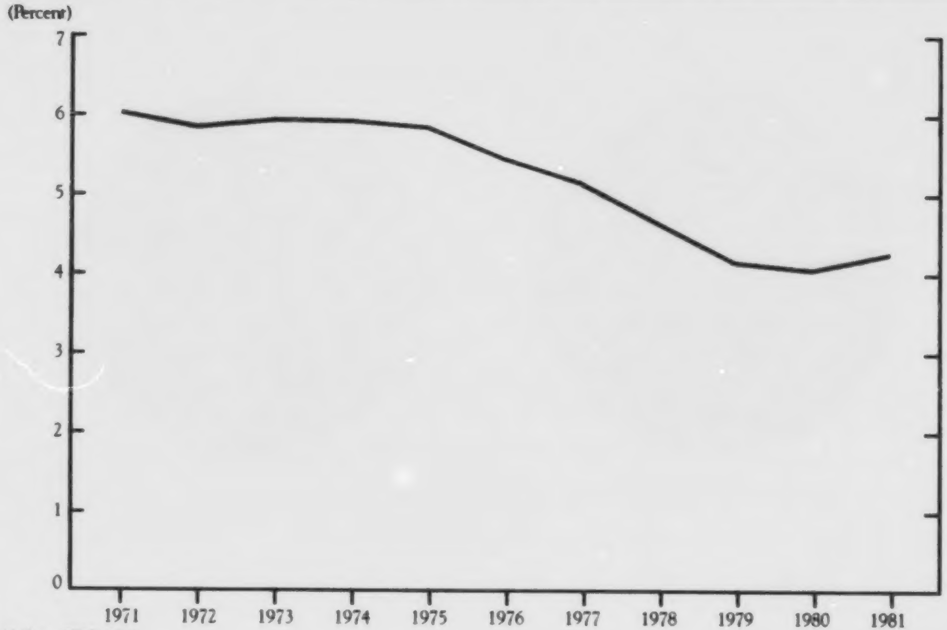
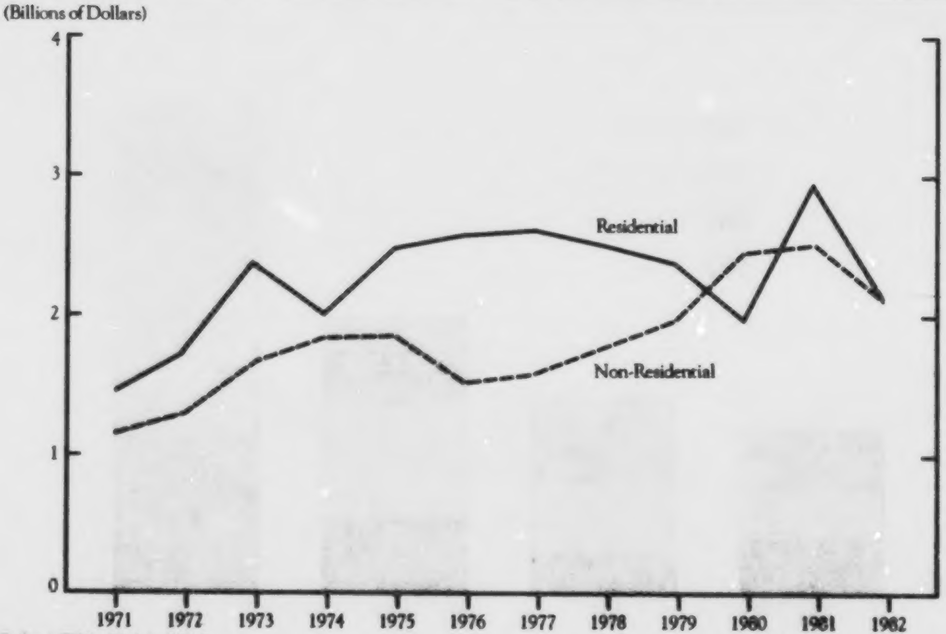
21.16 Construction Work Purchased, Labour Content and Materials Used, Ontario, Selected Years, 1966 to 1983
21.17 Value of Engineering Construction by Type of Structure, Ontario, Selected Years, 1966 to 1983

Chart 21.1 Provincial Domestic Product: Construction, Percent of Total G.D.P., Ontario, 1971 to 1981



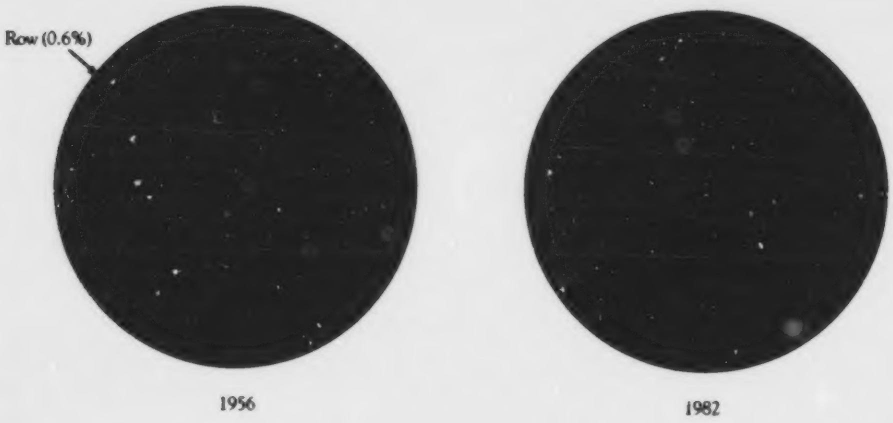
Refer to Table 21.1

Chart 21.2 Value of Building Permits Issued, Ontario, 1971 to 1982



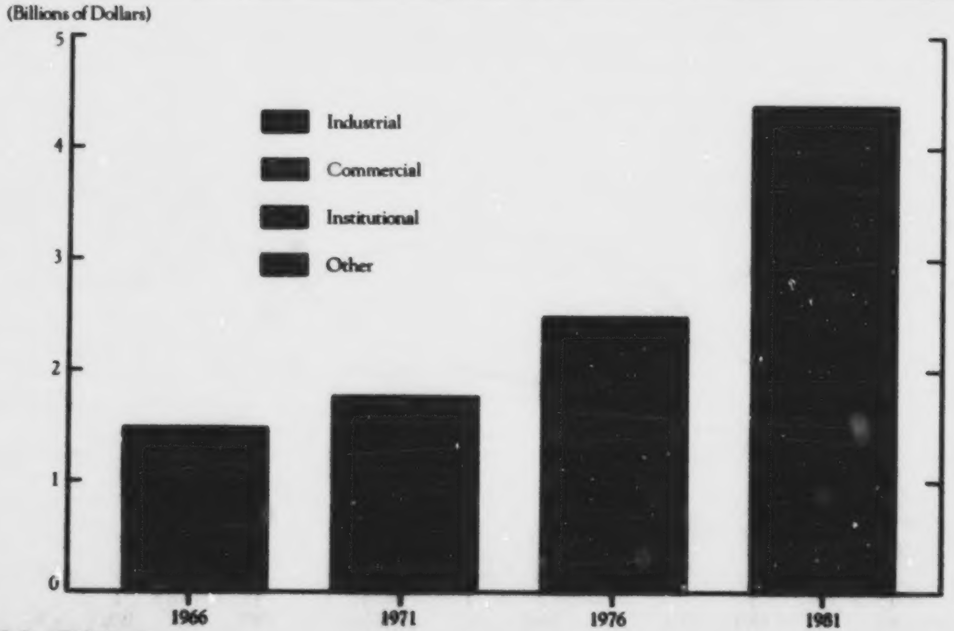
Refer to Tables 21.4 and 21.7

Chart 21.3 Dwelling Completions, Ontario, 1956 and 1982



Refer to Table 21.10

Chart 21.4 Non-Residential Construction Work Purchased by Type of Structure, Ontario, Selected Years, 1966 to 1981



Refer to Table 21.15

Table 21.1 Gross Domestic Product: Construction, Ontario, 1971 to 1981

Year	Value	% of Total G.D.P.
	$ millions	
1981	4,762.4	4.2
1980	4,032.4	4.0
1979	3,709.3	4.1
1978	3,652.2	4.6
1977	3,713.6	5.1
1976	3,638.2	5.4
1975	3,363.7	5.8
1974	3,107.3	5.9
1973	2,618.1	5.9
1972	2,255.7	5.8
1971	2,073.7	6.0

Sources: Statistics Canada, *Provincial Gross Domestic Product, (61-202).*
Provincial Economic Accounts, (13-213).

Table 21.2 Residential Building Permits Issued by Type of Dwelling Unit, Ontario and Other Regions of Canada, 1971 to 1982

Year	Single Dwellings	Cottages	Double Dwellings	Row Housing	Apartments	Conversions	Total
				number			
1982							
Ontario	17,712	436	2,919	4,272	12,586	388	38,313
Atlantic	4,456	335	276	344	855	259	6,525
Quebec	11,511	385	1,991	725	7,927	1,465	24,004
West	22,604	249	886	5,513	19,736	413	49,401
Canada	56,283	1,405	6,072	10,854	41,104	2,525	118,243
Ontario % of Canada	31.5	31.0	48.1	39.4	30.6	15.4	32.4
Ontario							
1981	24,328	708	5,728	5,758	16,782	497	53,801
1980	18,461	757	4,021	3,109	11,607	547	38,502
1979	25,968	824	7,475	4,790	15,173	448	54,678
1978	26,536	1,012	8,233	8,681	25,214	402	70,078
1977	28,341	1,170	10,181	11,531	28,544	485	80,252
1976	32,321	1,164	8,861	16,023	25,218	408	83,995
1975	35,707	1,504	9,493	11,590	32,622	382	91,298
1974	31,384	2,015	5,900	9,291	33,223	529	82,342
1973	39,079	2,087	8,032	11,509	62,530	501	123,738
1972	35,724	2,047	8,515	9,218	49,124	576	105,204
1971	31,128	2,116	8,190	..	54,833	634	96,901

Source: Statistics Canada, *Building Permits, (64-203).*

Note: In 1971, Row Housing is included with apartments.

Table 21.3 Value of Residential Building Permits Issued by Type of Dwelling Unit, Ontario and Other Regions of Canada, 1971 to 1982

Year	Single Dwellings	Cottages	Double Dwellings	Row Housing	Apartments	Conversions	Other	Total
					$ millions			
1982								
Ontario	1,001.2	12.7	127.5	161.9	443.1	4.4	334.0	2,084.9
Atlantic	177.0	3.8	10.2	12.9	27.0	3.1	72.8	306.8
Quebec	518.5	5.5	85.0	25.7	259.2	25.4	241.6	1,160.9
West	1,267.2	4.1	39.3	201.6	766.1	6.5	295.5	2,580.3
Canada	2,963.9	26.1	262.0	402.0	1,495.4	39.4	944.0	6,132.9
Ontario % of Canada	33.8	48.6	48.7	40.3	29.6	15.0	35.4	34.0
Ontario								
1981	1,472.4	19.7	246.0	206.5	623.5	6.0	361.1	2,935.3
1980	995.8	18.3	166.4	106.2	359.5	5.7	308.1	1,960.0
1979	1,221.6	19.4	273.0	151.2	395.8	3.7	308.7	2,373.5
1978	1,104.0	21.3	244.4	235.2	601.1	3.9	286.2	2,496.1
1977	1,084.5	23.3	296.6	289.0	651.2	3.5	261.3	2,609.4
1976	1,148.5	20.4	247.7	372.0	499.3	2.4	273.0	2,563.4
1975	1,143.0	23.6	231.8	250.8	576.1	1.9	198.9	2,462.4
1974	895.7	26.8	128.2	191.4	563.2	2.4	194.4	2,002.2
1973	945.0	21.0	151.7	186.5	914.4	1.9	145.5	2,366.0
1972	733.4	16.5	137.5	123.2	596.2	2.0	105.4	1,714.1
1971	660.4	..	120.8	..	635.5	2.1	36.7	1,455.5

Source: Statistics Canada, *Building Permits*, (64-203).

Notes: 1. In 1971, Cottages is included with Single Dwellings and Row Housing is included with Apartments.
2. Other includes pools, garages and improvements.

Table 21.4 Value of Residential Building Permits Issued, Ontario and Other Regions of Canada, 1971 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1982	2,084.9	306.8	1,160.9	2,580.3	6,132.9	34.0
1981	2,935.3	362.8	1,481.2	5,035.4	9,814.6	30.0
1980	1,960.0	364.8	1,294.1	3,848.9	7,467.9	26.3
1979	2,373.5	407.6	1,435.8	3,550.1	7,767.1	30.6
1978	2,496.1	409.8	1,461.0	3,199.7	7,566.7	33.0
1977	2,609.4	417.6	1,480.4	3,105.1	7,612.5	34.3
1976	2,563.4	433.4	1,564.7	2,914.4	7,475.8	34.3
1975	2,462.4	376.8	1,129.3	2,160.5	6,128.9	40.2
1974	2,002.2	282.5	804.7	1,486.3	4,575.7	43.8
1973	2,366.0	214.7	815.2	1,367.2	4,763.1	49.7
1972	1,714.1	170.7	676.4	1,077.2	3,638.4	47.1
1971	1,455.5	126.2	686.4	934.9	3,203.0	45.4

Source: Statistics Canada, *Building Permits*, (64-203).

Table 21.5 Non-Residential Building Permits Issued by Type, Ontario and Other Regions of Canada, 1973 to 1982

Year	Industrial	Commercial	Institutional & Government	Total
		number		
1982				
Ontario	6,671	17,455	3,143	27,269
Atlantic	702	2,964	522	4,188
Quebec	2,659	9,987	1,445	14,091
West	3,361	17,306	2,592	23,259
Canada	13,393	47,712	7,702	68,807
Ontario % of Canada	49.8	36.6	40.8	39.6
Ontario				
1981	9,100	19,789	2,896	31,785
1980	9,599	18,896	2,783	31,278
1979	9,586	19,217	2,713	31,516
1978	9,722	18,764	2,780	31,266
1977	7,870	16,497	2,317	26,684
1976	7,572	16,511	2,292	26,375
1975	8,133	17,114	2,500	27,747
1974	8,465	14,368	2,603	25,436
1973	8,029	15,063	2,161	25,253

Source: Statistics Canada, *Building Permits*, (64-203).

Table 21.6 Value of Non-Residential Building Permits Issued by Type, Ontario and Other Regions of Canada, 1971 to 1982

Year	Industrial	Commercial	Institutional & Government	Total
		$ millions		
1982				
Ontario	468.4	1,170.6	487.3	2,126.3
Atlantic	66.7	118.5	163.9	349.1
Quebec	173.7	547.8	245.7	967.1
West	387.5	1,648.3	1,177.6	3,213.4
Canada	1,096.3	3,485.2	2,074.4	6,655.9
Ontario % of Canada	42.7	33.6	23.5	31.9
Ontario				
1981	784.1	1,291.1	419.1	2,494.3
1980	710.3	1,306.9	427.6	2,444.9
1979	576.4	1,032.1	344.5	1,953.0
1978	471.5	973.4	300.3	1,745.2
1977	443.8	711.3	410.8	1,565.8
1976	473.5	685.8	351.6	1,511.0
1975	434.8	918.5	493.2	1,846.5
1974	533.9	905.2	385.4	1,824.5
1973	428.0	849.3	377.7	1,655.0
1972	278.9	564.5	431.0	1,274.3
1971	196.9	488.6	459.3	1,144.8

Source: Statistics Canada, *Building Permits*, (64-203).

Table 21.7 Value of Non-Residential Building Permits Issued, Ontario and Other Regions of Canada, 1971 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1982	2,126.3	349.1	967.1	3,213.4	6,655.9	31.9
1981	2,494.3	429.1	1,382.5	4,614.9	8,920.8	28.0
1980	2,444.9	353.5	1,218.8	3,967.0	7,984.2	30.6
1979	1,953.0	412.4	1,028.0	2,983.4	6,376.8	30.6
1978	1,745.2	387.9	944.9	2,489.9	5,568.0	31.3
1977	1,565.8	274.3	978.2	1,988.9	4,807.2	32.6
1976	1,511.0	282.9	1,238.7	1,690.9	4,723.5	32.0
1975	1,846.5	331.2	902.1	1,389.2	4,469.0	41.3
1974	1,824.5	296.0	1,216.0	1,367.9	4,704.4	38.8
1973	1,655.0	214.5	883.7	1,042.7	3,795.9	43.6
1972	1,274.3	169.0	610.1	771.7	2,825.2	45.1
1971	1,144.8	122.0	537.4	704.3	2,508.5	45.6

Source: Statistics Canada, *Building Permits*, (64-203).

Table 21.8 Dwelling Starts, Ontario, Selected Years, 1956 to 1982

Year	Single Detached	Semi-detached & Duplex	Row	Apartment & Other	Total	Ontario % of Canada
			number			
1982	17,836	2,091	4,125	14,456	38,508	30.6
1981	24,440	5,533	4,863	15,325	50,161	28.2
1980	18,693	4,628	3,826	12,980	40,127	25.3
1979	28,261	7,899	5,745	14,982	56,887	28.9
1978	27,949	8,607	9,073	26,081	71,710	31.5
1977	27,899	10,364	13,782	27,085	79,130	32.2
1976	32,252	8,502	17,918	26,010	84,682	31.0
1975	33,669	8,543	12,212	25,544	79,968	34.6
1974	33,886	6,058	9,518	36,041	85,503	38.5
1973	42,751	7,950	11,977	47,858	110,536	41.2
1972	37,932	8,237	8,811	47,953	102,933	41.2
1971	31,088	7,395	7,602	43,895	89,980	38.5
1966	26,229	3,275	3,927	18,924	52,355	38.9
1961	26,227	3,962	664	17,291	48,144	38.3
1956	37,542	2,074	280	8,816	48,712	38.3

Sources: Statistics Canada, *Housing Starts and Completions*, (64-002).
Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 21.9 Dwellings Under Construction, Ontario, Selected Years, 1956 to 1982

Year	Single Detached	Semi-detached	Row	Apartment & Other	Total	Ontario % of Canada
			number			
1982	11,018	1,299	2,075	16,617	31,009	34.8
1981	9,861	3,105	3,721	17,384	34,071	33.1
1980	9,900	3,467	3,312	14,508	31,187	29.5
1979	13,573	5,112	5,296	20,870	44,851	34.9
1978	16,718	5,520	8,896	34,972	66,106	40.1
1977	15,987	6,594	13,228	39,709	75,518	40.7
1976	17,463	5,364	15,625	39,970	78,359	38.4
1975	17,667	5,187	10,412	42,424	75,690	42.9
1974	15,546	3,595	7,653	51,723	78,517	46.6
1973	19,527	4,876	11,666	62,497	98,566	47.6
1972	18,574	4,937	7,803	56,044	87,358	46.3
1971	15,003	4,575	6,376	56,511	82,465	46.5
1966	12,678	1,764	2,820	22,216	39,478	44.5
1961	..	..	..	..	31,936	43.4
1956	..	..	..	..	26,232	38.3

Source: Statistics Canada, *Housing Starts and Completions*, (64-002).

Note: Data refer to number under construction as of December 31 of each year.

Table 21.10 Dwelling Completions, Ontario, Selected Years, 1956 to 1982

Year	Single Detached	Semi-detached	Row	Apartment & Other	Total	Ontario % of Canada
			number			
1982	16,524	3,871	5,607	14,435	40,437	30.2
1981	23,192	5,781	4,176	12,408	45,557	26.0
1980	22,145	6,255	6,005	19,616	54,021	30.7
1979	31,148	8,297	8,768	28,357	76,570	33.8
1978	26,980	9,518	13,421	30,510	80,429	32.6
1977	29,078	9,007	15,916	26,716	80,717	32.1
1976	31,896	8,268	12,251	27,887	80,302	34.0
1975	31,493	6,952	9,743	33,677	81,865	37.7
1974	37,488	7,323	13,594	45,955	104,360	40.6
1973	41,471	7,991	8,096	40,704	98,262	39.8
1972	34,347	7,696	7,578	46,817	96,438	41.5
1971	25,732	5,898	7,039	35,480	74,149	36.8
1966	26,683	3,351	4,999	33,374	68,407	42.2
1961	27,110	3,475	977	12,192	43,754	37.8
1956	40,721	2,708	317	7,455	51,201	37.7

Source: Statistics Canada, *Housing Starts and Completions*, (64-002).

Table 21.11 Value of Construction Work Purchased, Ontario, Selected Years, 1966 to 1983

Year	New	Repair	Total	Ontario % of Canada
		$ millions		
1983	10,735.7	3,225.5	13,961.2	25.1
1982	11,312.7	3,031.8	14,344.5	25.7
1981^r	11,333.3	2,855.2	14,188.5	24.9
1980^r	9,863.1	2,574.3	12,437.5	25.7
1979	9,220.0	2,350.3	11,570.4	26.9
1978	8,914.2	2,065.2	10,979.5	28.7
1977	8,724.3	1,889.3	10,613.6	29.6
1976	8,370.0	1,695.9	10,066.0	30.4
1975	7,493.2	1,496.2	8,989.4	31.7
1974	7,087.5	1,413.7	8,501.3	34.4
1973	5,981.5	1,154.5	7,136.0	35.4
1972	5,253.1	1,022.7	6,275.8	36.3
1971	4,661.9	935.0	5,596.9	35.3
1966	3,115.7	698.7	3,814.4	33.9

Source: Statistics Canada, *Construction in Canada, (64-201).*

Note: Data for 1982 are preliminary actual; for 1983 data refer to intentions.

Table 21.12 Value of Residential Construction Work Purchased, Ontario, Selected Years, 1966 to 1983

Year	New	Repair	Total
		$ millions	
1983	3,376.9	1,431.3	4,808.1
1982	3,026.5	1,342.9	4,369.4
1981	3,743.4	1,255.4	4,998.8
1980	3,138.4	1,121.9	4,260.2
1979	3,548.2	1,043.0	4,591.2
1978	3,698.6	917.8	4,616.5
1977	3,745.8	810.2	4,556.0
1976	3,610.5	725.5	4,336.0
1975	2,553.9	636.7	3,190.7
1974	2,872.1	594.2	3,466.2
1973	2,576.7	485.5	3,062.3
1972	2,036.7	421.6	2,458.4
1971	1,642.2	381.1	2,023.2
1966	902.9	252.6	1,155.5

Source: Statistics Canada, *Construction in Canada, (64-201, 64-502).*

Note: See note, Table 21.11.

Table 21.13 Value of Residential Construction Work Purchased by Type of Structure, Ontario, Selected Years, 1966 to 1983

Year	Single Detached	Semi-detached & Duplex	Apartments & Row	Other	Total
			$ millions		
1983	1,449.0	101.5	903.1	2,354.5	4,808.1
1982	1,046.8	128.8	1,012.1	2,181.6	4,369.4
1981	1,732.2	286.6	699.9	2,280.1	4,998.8
1980	1,229.8	258.9	714.3	2,057.2	4,260.2
1979	1,485.9	285.3	710.3	2,109.6	4,591.2
1978	1,258.9	306.8	1,159.0	1,891.7	4,616.5
1977	1,325.3	334.3	1,155.8	1,740.6	4,556.0
1976	1,340.8	270.6	1,098.5	1,626.2	4,336.0
1975	1,088.0	203.6	818.3	1,080.8	3,190.7
1974	1,169.5	160.9	1,117.1	1,018.7	3,466.2
1973	1,135.8	158.1	968.1	800.2	3,062.3
1972	865.1	149.9	794.1	649.3	2,458.4
1971	626.5	112.3	726.0	558.5	2,023.2
1966	409.3	45.9	336.2	364.1	1,155.5

Source: Statistics Canada, *Construction in Canada (64-201, 64-502).*

Notes: 1. See note, Table 21.11.

2. For the years 1976 to 1981, actual residential expenditures have been adjusted upwards to include additional home improvements such as re-insulation, landscaping and other alterations.

Table 21.14 Value of Non-Residential Building Construction Work Purchased, Ontario, Selected Years, 1966 to 1983

Year	New	Repair	Total
		$ millions	
1983	3,050.8	890.5	3,941.4
1982	3,432.9	854.8	4,287.7
1981	3,505.6	847.6	4,353.2
1980	3,322.6	764.9	4,087.5
1979	2,541.8	661.5	3,203.3
1978	2,010.3	580.6	2,590.1
1977	1,967.8	554.7	2,522.5
1976	1,947.6	499.7	2,447.3
1975	2,150.1	416.5	2,566.6
1974	2,027.0	410.8	2,437.8
1973	1,645.9	321.3	1,967.2
1972	1,480.2	298.8	1,779.0
1971	1,458.8	267.7	1,726.7
1966	1,265.4	197.0	1,462.4

Source: Statistics Canada, *Construction in Canada (64-201, 64-502).*

Note: See note, Table 21.11.

Table 21.15 Value of Non-Residential Building Construction Work Purchased by Type of Structure, Ontario, Selected Years, 1966 to 1983

Year	Industrial	Commercial	Institutional	Other Building Construction	Total
			$ millions		
1983	999.9	1,752.8	650.5	538.1	3,941.3
1982	1,133.5	1,996.6	602.1	555.5	4,287.7
1981	1,379.0	1,862.2	503.6	608.5	4,353.3
1980	1,299.2	1,861.8	461.1	465.6	4,087.7
1979	942.1	1,460.7	391.6	408.9	3,203.3
1978	667.1	1,151.1	413.8	358.9	2,590.9
1977	717.9	1,090.5	410.5	303.5	2,522.4
1976	633.6	1,086.8	411.2	315.7	2,447.3
1975	654.6	1,218.9	418.4	274.6	2,566.5
1974	649.9	1,151.1	401.2	235.6	2,437.8
1973	471.5	900.5	403.1	192.1	1,967.2
1972	375.4	728.2	480.2	195.2	1,779.0
1971	351.2	651.4	546.1	178.0	1,726.7
1966	478.1	449.9	430.3	104.1	1,462.4

Source: Statistics Canada, *Construction in Canada, (64-201).*

Note: See note, Table 21.11.

Table 21.16 Construction Work Purchased, Labour Content and Materials Used, Ontario, Selected Years, 1966 to 1983

Year	Labour Content		Cost of Materials Used	Value of Work Purchased
	Person Years	Value		
	#		$ millions	
1983	188.7	5,430.9	5,238.3	13,961.2
1982	208.4	5,662.5	5,384.3	14,344.5
1981^r	215.9	5,488.4	5,362.8	14,188.5
1980^r	212.3	4,839.6	4,741.5	12,437.5
1979	216.7	4,479.2	4,450.9	11,570.4
1978	220.3	4,186.9	4,105.5	10,979.5
1977	205.7	3,695.3	4,053.8	10,613.6
1976	222.0	3,605.3	3,784.8	10,066.0
1975	217.3	3,183.5	3,567.1	8,989.4
1974	230.0	3,029.8	3,396.6	8,501.3
1973	237.1	2,681.1	2,844.8	7,136.0
1972	198.9	2,259.3	2,498.6	6,275.8
1971	206.9	2,092.3	2,270.2	5,596.9
1966	204.4	1,306.0	1,768.0	3,814.4

Source: Statistics Canada, *Construction in Canada (64-201).*

Note: See note, Table 21.11.

Table 21.17 Value of Engineering Construction by Type of Structure, Ontario, Selected Years, 1966 to 1983

Year	Road, Highway, & Airport Runways	Water-works, Sewage Systems, Dams & Irrigation	Electric Power Con-struction	Railway, Telephone, Telegraph	Gas & Oil Facilities	Marine Con-struction	Other Engi-neering-Con-struction	Total Engi-neering-Con-struction
				$ millions				
1983	1,209.7	706.9	1,431.4	587.5	390.7	62.0	823.5	5,211.7
1982	1,168.2	686.0	1,450.2	641.7	336.6	53.7	1,351.0	5,687.4
1981^{r}	1,080.8	681.0	1,083.8	702.7	325.6	56.4	906.2	4,836.5
1980^{r}	935.6	656.4	862.0	607.7	255.7	54.0	718.4	4,089.7
1979	855.2	687.5	805.3	550.6	219.3	33.8	624.2	3,775.8
1978	798.0	670.1	764.2	492.6	295.5	39.2	712.5	3,772.0
1977	706.9	629.5	653.7	437.6	325.0	68.7	713.8	3,535.2
1976	604.5	602.2	588.8	397.2	291.6	38.2	760.0	3,282.6
1975	634.5	558.4	737.2	339.6	348.3	33.2	581.0	3,232.2
1974	583.8	490.8	469.7	371.6	220.4	32.0	428.8	2,597.2
1973	493.2	345.5	391.4	273.5	188.6	25.8	388.7	2,106.5
1972	457.3	317.5	368.4	230.5	157.7	38.3	468.7	2,038.4
1971	450.2	262.9	358.9	214.2	133.5	25.8	401.7	1,847.1
1966	362.6	191.9	172.9	164.7	111.4	36.1	156.8	1,196.5

Source: Statistics Canada, *Construction in Canada*, (64-201).

Note: See note, Table 21.11.

Chapter 22
Transportation and Communications

Transportation and Communications

Ontario is well served by a highly developed system of transportation and communications networks. The transportation and communications industries account for approximately 7% of total employment in Ontario. Both industries involve a complex mix of public and private ownership and are highly regulated.

Road transport is primarily a provincial responsibility, with the Ontario Ministry of Transportation and Communications involved in planning and maintaining the provincial highway system, driver, vehicle and carrier licensing, and compliance enforcement of inter-city buses. The Ministry is responsible for the co-ordination of all road safety activities such as seat belt regulation and transport-of-dangerous goods. The Ministry is also responsible for policy development for the Province's air, rail and marine programs.

The Provincial and municipal governments have prime responsibility for urban transportation. The Ontario Government's urban transportation subsidy program and the Toronto Area Transit Operating Authority (TATOA) provide the GO system of trains and buses along the Lakeshore route. The Urban Transportation Development Corporation (UTDC) was established to act as a catalyst in the urban transportation industry and has developed new light rail vehicles and transit systems.

In northern Ontario, the Ministry of Northern Affairs, through the Ontario Northland Transportation Commission, is responsible for construction of highways and airports and for provision of rail, bus, airline, ferry and telecommunications services. The Ontario government also operates an educational television network, TV Ontario.

The federal government is responsible for establishing motor vehicle safety standards. The Canadian Transport Commission has jurisdiction over transportation by rail, air and water. Canadian National Railways is a federal government enterprise and the largest public utility in Canada. It also operates steamships, a telecommunications service and, as an autonomous subsidiary, Air Canada. With regard to air transportation, the federal government is responsible for aircraft registration, licensing of personnel, establishing and maintaining airports and facilities for air navigation and air traffic control. The federal government has complete responsibility for regulating shipping in Canadian-controlled waters, and the administration of Canadian ports generally comes under Transport Canada. Multi-purpose harbours are administered by the National Harbours Board or by harbour commissions. Transport Canada establishes and collects fees from users of port facilities. The St. Lawrence Seaway Authority maintains facilities between Montreal and Lake Erie, including the Welland Canal.

The Canadian Broadcasting Corporation (CBC) radio and television networks are made up of stations, owned and operated by the CBC, which carry the full national service and some privately owned affiliated stations which carry an agreed amount of CBC programming. The Canadian Radio-television and Telecommunications Commission (CRTC) is responsible for regulating radio and television broadcasting, including cable companies, except in their purely technical aspects. The CRTC also regulates the major investor-owned telecommunications carriers incorporated under federal legislation.

Sources of Data

The main sources of data are:

- Ontario Ministry of Transportation and Communications administrative data and estimates combined with data provided by municipalities;
- Census of Canada;
- Statistics Canada surveys of trucking firms and urban transit;
- GO Transit administrative records;
- Statistics Canada's compilation of airport activity statistics;
- Revenue Canada, Customs and Excise data on international shipping;
- Canadian Transport Commission administrative data on coastwise shipping;
- St. Lawrence Seaway Authority administrative data;
- Statistics Canada survey of telephone systems;
- annual returns from CRTC licensees in radio and television broadcasting;
- newspaper and magazine circulation statistics.

The Ontario Ministry of Transportation and Communications publishes motor vehicle registration and road distances derived from administrative data, and makes estimates of travel on roads and highways based on systematic samples of traffic flows. The data are published annually in *Ontario Vehicle Statistics* and *Provincial Highways Traffic Volumes*. For further information, contact the Ministry of Transportation and Communications, Licensing and Control Branch, telephone Toronto, 248-7241, and the Highway Program Planning Office, telephone Toronto, 248-3066.

Journey-to-work statistics are developed by Statistics Canada from Census of Canada data on place-of-work and place-of-residence for respondents. The data are published in Statistics Canada's series 92. For a more complete discussion of the census, see Chapter 3, Population. Further information can be obtained from the Census Division of Statistics Canada, telephone Ottawa, 990-9534.

The Statistics Canada census of motor carriers covers Canadian-domiciled motor carriers of freight with total operating revenues of $100,000 or more and which are primarily engaged in local and long-distance trucking. Excluded are establishments that haul their own goods, pool car operators, broker operators, most rail and air express companies, courier and messenger services and armoured car service. Operations domiciled in the U.S. which cannot provide separate statistics for their Canadian operations are also excluded. Household goods movers are covered by a separate survey. The data are published annually in *Motor Carriers: Freight and Household Goods Movers, (53-222).*

Urban transit statistics are reported to Statistics Canada by the industry and are published in a monthly report, *Urban Transit, (53-003).* For further information on the surveys of motor carriers and urban transit, contact the Transportation and Communications Division of Statistics Canada, telephone Ottawa, 990-8700.

Data on GO Transit are available in the GO *Transit Annual Report*. For further information, contact GO Transit, telephone Toronto, 630-3933.

Airport activity statistics are compiled by the Aviation Statistics Centre of Statistics Canada which maintains complete reporting of all scheduled traffic of Air Canada, CP Air, the five regional carriers, and non-Canadian carriers under the regulations of the Aeronautics Act. Not included are international charter services performed by aircraft with less than 18,000 pounds take-off weight, all domestic air charter services, and Canadian air carriers, other than the seven participating. Consequently, traffic for small airports is understated. The data are published in *Air Carrier Traffic at Canadian Airports, (51-203).* For further information, contact the Aviation Statistics Centre, telephone Ottawa, 997-6942.

Statistics Canada's shipping data cover both international and coastwise shipping. International vessel traffic and origin and destination commodity statistics are compiled from data collected by Revenue Canada, Customs and Excise. Not included are fishing vessels, maintenance and service vessels, research vessels and other non-commercial vessels. A vessel is classed as being in coastwise shipping when it is of Canadian registry, sails between two Canadian ports and loads or unloads no foreign freight, or is of foreign registry but is granted a waiver by the Canadian Transport Commission to engage in coasting service. Cargo must be loaded and unloaded at Canadian ports. Domestic cargoes, loaded in one navigational season but not discharged until the following season, are recorded in the data for the later year. Data are not collected for cargo vessels under 15 net register tonnage and Canadian naval or fishing vessels. Data are published in *International Seaborne Shipping Port Statistics, (54-211),* and *Coastwise Shipping Statistics, (54-210).* Other data on shipping are published in a number of reports in Statistics Canada's series 54, and selected shipping data are available on CANSIM.

The St. Lawrence Seaway Authority provides data in its traffic reports on vessel transits and total tonnage passing through the Montreal-Lake Ontario Section and the Welland Canal. For further information, contact the St. Lawrence Seaway Authority, Transport Canada, telephone Ottawa, 992-3949.

Operating and financial data on railways are provided on a national basis by Statistics Canada. However, data on revenue freight carried by Class I and II railways are reported by province. The data show origin, termination, and connection to U.S. railways for more than 300 commodity groups. Data are published in *Railway Freight Traffic, (52-205),* with selected series available on CANSIM. For further information on both rail and water transport, contact the Transportation and Communications Division of Statistics Canada, telephone Ottawa, 990-8700.

Statistics Canada's annual survey of telephone systems covers all domestic licensed telephone activity. Estimates of local telephone calls are based on periodic monitoring conducted by large telephone systems. Long distance calls are actual calls originating in the system. The data are published in *Telephone Statistics, (56-203).*

Statistics Canada conducts an annual survey of radio and television broadcasting in co-operation with the CRTC. The survey covers all commercial broadcasting stations, and regional and national networks. Not included are cable television, pay television and non-commercial broadcasting stations operated by religious groups, educational institutions and provincial governments. Data are published in *Radio and Television Broadcasting*, (56-204). Cable television statistics are produced from a separate survey of all cable television licensees with more than 1,000 subscribers. The data are published in *Cable Television*, (56-205). Further information is available from the Transportation and Communications Division of Statistics Canada, telephone Ottawa, 990-8693 and the CRTC, telephone Ottawa, 997-3673.

Circulation statistics for newspapers and magazines are estimated by the Audit Bureau of Circulations. Further information can be obtained from the Audit Bureau of Circulations, Canadian Member Service Office, telephone Toronto, 366-8949. Estimates of total daily and non-daily newspapers circulation are compiled by Statistics Canada from various sources. Community newspapers, student newspapers and weekend tabloids are included with non-daily newspapers. The data are published in *Culture Statistics, Newspapers and Periodicals*, (87-625). Further information is available from the Education, Science and Culture Division of Statistics Canada, telephone Ottawa, 593-6862.

Transportation and Communications

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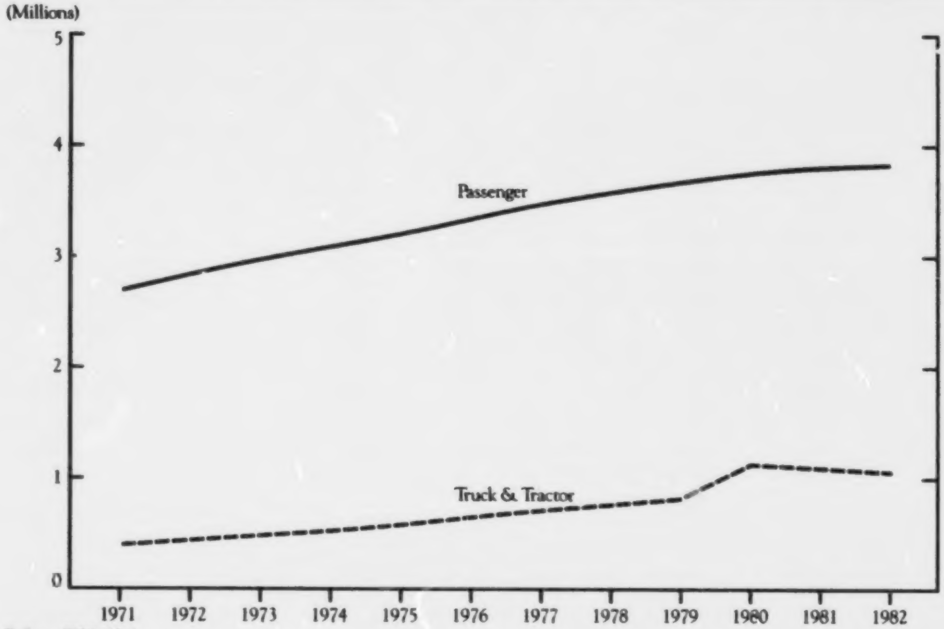
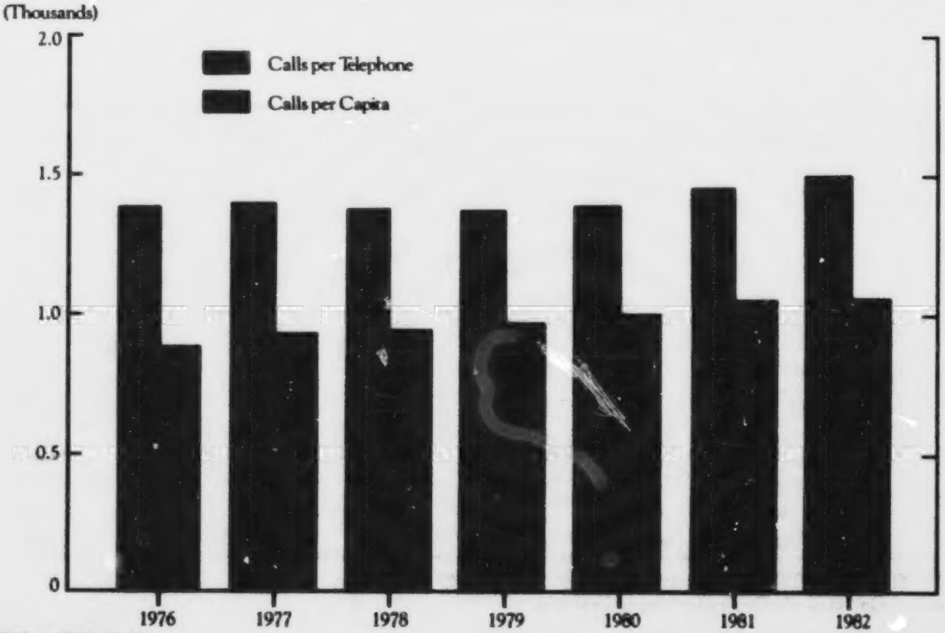
Chart 22.1 Vehicle Registrations by Class, Ontario, 1971 to 1982



Refer to Table 22.1

Chart 22.2 Telephone Calls, Ontario, 1976 to 1982



Refer to Table 22.16

Table 22.1 Vehicle Registrations by Class, Ontario, Selected Years, 1911 to 1982

Year	Passenger	Trailer	Truck & Tractor	Bus	Motor-cycle	Moped	Snow Vehicle	Total
					'000's			
1982	3,842.7	65.8	1,067.5	23.8	119.6	6.4	169.4	5,295.3
1981	3,831.0	105.4	1,089.9	22.5	107.2	7.2	171.0	5,334.2
1980	3,751.9	560.1	1,149.9	23.4	96.9	7.5	165.9	5,755.6
1979	3,692.0	587.9	834.4	21.6	91.0	8.1	195.2	5,430.1
1978	3,597.4	573.1	771.0	19.8	86.4	9.5	199.5	5,256.7
1977	3,490.5	553.0	746.9	20.2	82.9	11.8	199.9	5,105.2
1976	3,341.8	526.4	651.4	18.4	78.3	12.4	209.3	4,838.1
1975	3,224.6	500.2	597.7	16.9	72.5	...	206.0	4,617.8
1974	3,111.4	475.1	548.8	15.5	67.1	...	202.7	4,420.6
1973	3,002.1	451.3	504.9	14.2	62.2	...	199.4	4,234.2
1972	2,848.9	420.7	452.3	14.3	57.7	...	...	3,807.1
1971	2,713.1	380.1	418.2	13.6	52.8	...	...	3,589.9
1966	2,235.5	182.1	360.7	9.3	38.0	...	...	2,825.6
1961	1,744.4	144.2	316.7	6.2	8.9	...	...	2,270.5
1956	1,401.3	100.5	293.0	4.3	11.7	...	...	1,810.7
1951	966.4	73.5	225.3	..	13.5	...	...	1,278.6
1941	638.3	36.3	95.0	..	5.9	...	...	775.5
1931	493.9	10.0	64.3	..	4.1	...	...	572.2
1921	182.0	0.3	19.6	..	5.0	...	...	206.8
1911	11.3	...	...	...	...	...	...	11.3

Source: Ministry of Transportation and Communications, *Ontario Vehicle Statistics.*

Notes: 1. Passenger includes dual purpose vehicles.
2. Truck & Tractor includes farm vehicles. From 1916 to 1955 buses are included in Truck & Tractor.
3. Bus includes school buses.
4. Starting from 1981, trailers carry lifetime registrations. Therefore, data from 1981 on reflect new registrations only.

Table 22.2 Passenger Car Registrations, Ontario, Selected Years, 1966 to 1982

Year	Four-cylinder	Six-cylinder	Eight-cylinder	Over 6.5 Litres	Historical Vehicle	Other	Total
				'000's			
1982	1,009.1	888.9	1,900.1	31.3	3.0	10.3	3,842.7
1981	915.0	863.9	2,006.2	32.4	3.0	10.6	3,831.0
1980	808.8	827.6	2,068.3	34.5	3.0	9.7	3,751.9
1979	747.7	782.9	2,113.0	36.4	2.7	9.3	3,692.0
1978	713.7	750.0	2,089.5	29.5	2.7	12.0	3,597.4
1977	669.4	722.1	2,093.7	..	2.1	3.2	3,490.5
1976	632.1	705.5	2,000.1	..	2.0	2.1	3,341.8
1975	593.3	714.2	1,913.2	..	1.9	2.0.	3,224.6
1974	556.4	722.4	1,828.8	..	1.9	1.9	3,111.4
1973	519.8	727.8	1,741.4	..	1.8	11.3	3,002.1
1972	404.8	724.2	1,473.5	..	1.4	8.1	2,612.0
1971	354.7	760.8	1,372.2	..	1.3	8.3	2,497.3
1966	260.4	960.3	83[illegible].9	..	—	6.1	2,063.8

Source: Ministry of Transportation and Communications, *Ontario Vehicle Statistics.*

Note: Eight-cylinder includes the Over 6.5 Litres type prior to 1978.

Table 22.3 Road and Highway Distances, Ontario, 1976 to 1982

Year	Provincial Highways King's	Provincial Highways Secondary	Provincial Tertiary Roads	Roads County	Roads Regional Municipal
			kilometres		
1982	15,953	5,265	322	12,258	7,368
1981	15,977	5,250	382	12,197	7,279
1980	15,861	5,345	382	12,567	6,810
1979	15,838	5,208	518	12,593	6,795
1978	15,854	5,184	406	12,538	6,839
1977	15,896	5,173	406	12,465	6,849
1976	15,824	5,102	325	12,397	6,580

Table 22.3 (cont'd.)

Year	Roads (cont'd.) Metro-politan	Roads (cont'd.) Township Organized	Roads (cont'd.) Township Unorganized	Streets	Total Road System
			kilometres		
1982	733	67,576	9,626	33,073	152,173
1981	720	67,942	9,291	32,547	151,586
1980	722	75,010	9,473	33,973	160,142
1979	722	74,950	9,969	33,532	160,124
1978	724	74,674	10,103	33,094	159,416
1977	722	75,190	9,849	32,291	158,842
1976	720	75,014	9,913	32,316	158,190

Source: Ministry of Transportation and Communications.

Notes: 1. 1981 and 1982 data for municipal road distances have been reduced by deducting distances for road allowances where no road actually exists. This practice will be followed in future.

2. Streets includes those in cities, towns, boroughs and villages.

Table 22.4 Estimated Travel on Roads and Highways, Ontario, 1971 to 1982

Year	Highways Freeways	Highways King's	Highways Secondary	Highways Total	Other Roads	Total
			millions of vehicle kilometres			
1982	15,335.5	16,649.9	807.7	32,804.3	33.479.7	66,284.0
1981	15,199.6	16,906.8	787.0	32,908.4	37,997.6	70,906.0
1980	15,609.7	16,962.5	765.8	33,338.0	39,153.5	72,491.5
1979	15,172.8	17,169.4	733.8	33,076.0	39,085.4	72,161.4
1978	14,678.2	17,075.3	700.6	32,454.1	36,862.9	69,317.0
1977	13,691.5	16,964.5	693.9	31,349.9	34,840.4	66,190.3
1976	12,987.8	16,511.2	664.0	30,163.0	34,784.5	64,947.5
1975	12,322.3	15,648.6	579.3	28,550.2	35,872.4	64,422.6
1974	11,642.4	15,013.7	584.1	27,240.2	36,193.9	63,434.1
1973	11,006.3	14,802.5	646.3	26,455.0	34,357.2	60,812.2
1972	10,010.7	14,630.9	645.8	25,287.4	30,844.7	56,132.1
1971	9,015.2	14,216.1	656.4	23,887.7	26,679.0	50,566.7

Source: Ministry of Transportation and Communications, *Provincial Highways, 1982, Traffic Volumes.*

Notes: 1. Estimated travel is measured in millions of vehicle kilometres per annum. The estimate is of the total number of kilometres travelled by all vehicles using the roads and highways during the year.

2. Estimated travel for highways is calculated from traffic volumes. Systematic samples of existing traffic flows are obtained throughout the year and the traffic volumes have been calculated from them using accepted mathematical models.

3. Total estimated travel is calculated from total taxed gasoline and motor fuel sales and average fuel consumption.

4. Estimated travel for Other Roads is calculated as a residual from Total estimated travel and estimated travel on highways.

Table 22.5 Accidents on Roads and Highways, Ontario, 1971 to 1982

Year	Highways					
	Freeways		King's		Secondary	
	#	rate	#	rate	#	rate
1982	11,934	0.8	18,217	1.1	1,216	1.5
1981	12,410	0.8	20,525	1.2	1,266	1.6
1980	10,913	0.7	20,760	1.2	1,287	1.7
1979	11,524	0.8	21,648	1.3	1,252	1.7
1978	11,304	0.8	20,161	1.2	1,080	1.5
1977	12,937	0.9	23,944	1.4	1,185	1.7
1976	12,100	0.9	24,613	1.5	1,402	2.1
1975	12,795	1.0	27,561	1.8	1,372	2.4
1974	12,600	1.1	25,321	1.7	1,280	2.2
1973	12,240	1.1	24,793	1.7	1,214	1.9
1972	11,591	1.2	25,433	1.7	1,292	2.0
1971	8,573	1.0	24,153	1.7	1,352	2.1

Table 22.5 (cont'd.)

Year	Total on Highways		Other Roads		Total	
	#	rate	#	rate	#	rate
1982	31,381	1.0	156,562	4.7	187,943	2.8
1981	34,229	1.0	164,143	4.3	198,372	2.8
1980	32,960	1.0	163,541	4.2	196,501	2.7
1979	34,424	1.0	162,772	4.2	197,196	2.7
1978	32,545	1.0	153,818	4.2	186,363	2.7
1977	38,066	1.2	180,621	5.2	218,687	3.3
1976	38,115	1.3	173,750	5.0	211,865	3.3
1975	41,728	1.5	171,661	4.8	213,689	3.3
1974	39,201	1.4	165,070	4.6	204,271	3.2
1973	38,247	1.4	154,774	4.5	193,021	3.2
1972	38,316	1.5	151,178	4.9	189,444	3.4
1971	34,078	1.4	124,753	4.7	158,831	3.1

Source: Ministry of Transportation and Communications, *Provincial Highways 1982, Traffic Volumes*.

Notes: 1. The accident rate is based on the estimated travel distances in Table 22.4, i.e. the rate per million vehicle kilometres of travel.
2. Accidents reported are defined as those causing any death or injury, or damage exceeding $400. Accidents on freeway ramps have not been included.

Table 22.6 Truck Transport Equipment Operated by Motor Carriers, Ontario and Other Regions of Canada, 1974 to 1981

Year	Trucks	Truck-tractors	Semi-trailers	Full Trailers	Other Equipment	Total
			number			
1981						
Ontario	7,067	13,549	30,188	472	1,723	52,999
Atlantic	1,157	1,735	3,674	180	230	6,976
Quebec	5,874	7,299	13,924	533	849	28,479
West	6,086	11,213	26,337	887	2,025	46,548
Canada	20,184	33,796	74,123	2,072	4,827	135,002
Ontario % of Canada	35.0	40.1	40.7	22.8	35.7	39.3
Ontario						
1980	7,190	14,332	33,006	456	1,753	56,737
1979	7,414	14,154	31,860	1,305	1,703	56,436
1978	7,351	13,999	30,510	1,547	1,453	54,860
1977	6,994	13,438	28,036	1,716	1,372	51,556
1976	6,440	12,959	26,372	2,600	1,266	49,637
1975	7,144	12,881	25,342	2,178	1,506	49,051
1974	13,460	15,593	25,488	3,879	1,599	60,019

Source: Statistics Canada, *Motor Carriers – Freight and Household Goods Movers*, (53-222).

Notes: 1. Data exclude household goods movers.
2. Data are compiled for establishments with total gross operating revenues of $100,000 and over.
3. Data compiled by province or territory of domicile.

Table 22.7 Urban Transit, Distance Run by Type of Service, Ontario, 1975 to 1982

	Urban & Suburban Services						
Year	Bus	Trolley Coach	Street Car	Subway	Total	Other Services	Total
				'000's kilometres			
1982	212,721	8,815	15,115	69,545	306,195	3,238	309,433
1981	203,277	9,728	14,924	68,471	296,401	3,308	299,709
1980	194,879	9,748	14,980	61,720	281,328	3,253	284,580
1979	185,872	9,747	14,613	60,361	270,592	3,269	273,862
1978	182,784	9,654	14,963	61,106	268,507	3,532	272,039
1977	163,681	9,682	15,221	54,095	242,678	2,900	245,578
1976	161,672	8,962	15,128	56,324	242,086	2,887	244,973
1975	157,799	8,634	16,754	54,351	237,538	3,408	240,946

Source: Statistics Canada, *Urban Transit*, (53-003).
Ministry of Transportation and Communications.

Note: Other Services includes charters, school buses, contract and tours.

Table 22.8 Go Transit, Passengers and Routes Operated, Ontario, 1980/81 to 1982/83

	Passengers			Routes Operated			Kilometres Operated		
Years	Rail	Bus	Total	Rail	Bus	Total	Rail	Bus	Total
		'000's			kilometres			'000's kilometres	
1982/83	13,580	9,507	23,087	341	1,098	1,439	2,076	12,879	14,955
1981/82	13,202	9,080	22,282	228	1,207	1,435	1,484	12,033	13,517
1980/81	12,531	8,304	20,835	178	1,327	1,505	1,338	11,371	12,709

Source: Go Transit, *Annual Report*.

Note: Data are for year ending March 31.

Table 22.9 Major Airports: Flights, Passengers, Mail and Cargo Traffic, Ontario, 1976 to 1982

Year	Flights	Passengers	Mail	Cargo
	#	'000's	'000's kilograms	
Toronto International				
1982	140,199	12,240	40,010	167,619
1981	142,517	13,423	36,846	170,561
1980	140,525	13,494	37,918	172,949
1979	134,054	12,938	36,179	176,626
1978	126,872	11,216	35,551	161,892
1977	128,096	10,526	35,864	152,019
1976	132,383	10,071	32,391	145,643
Ottawa International				
1982	30,736	1,804	5,611	4,849
1981	30,735	1,877	5,520	5,324
1980	35,490	1,916	5,471	5,490
1979	36,170	1,839	5,494	5,383
1978	32,942	1,647	6,240	5,381
1977	33,225	1,577	7,006	5,555
1976	34,717	1,501	6,694	5,890
Thunder Bay				
1982	7,026	361	963	1,108
1981	9,314	428	915	1,640
1980	10,680	449	992	1,781
1979	9,842	427	958	1,688
1978	9,613	389	884	1,785
1977	9,313	368	875	1,914
1976	8,473	346	808	1,742
Windsor				
1982	4,385	213	867	575
1981	4,903	261	790	800
1980	5,402	292	946	1,043
1979	5,387	288	766	1,339
1978	5,220	247	627	1,110
1977	5,501	240	607	1,208
1976	5,427	246	483	1,022
Sudbury				
1982	3,343	155	707	248
1981	4,005	197	578	295
1980	4,120	216	661	320
1979	4,176	210	536	304
1978	4,096	184	496	277
1977	4,005	178	575	333
1976	4,189	181	638	339

Table 22.9 (cont'd.)

Year	Flights	Passengers	Mail	Cargo
	#	'000's	'000's kilograms	
Timmins				
1982	1,983	105	117	147
1981	2,136	120	114	200
1980	2,166	120	144	186
1979	2,137	108	143	177
1978	2,068	93	139	159
1977	1,941	94	162	147
1976	1,919	94	151	178
North Bay				
1982	3,404	70	153	210
1981	3,416	80	140	363
1980	3,518	86	223	376
1979	3,926	82	243	314
1978	4,170	71	228	253
1977	..	..	..	..
1976	..	..	..	..
Sault Ste. Marie				
1982	3,095	151	231	160
1981	4,387	189	205	235
1980	4,925	193	215	199
1979	4,361	180	184	209
1978	4,243	158	207	272
1977	4,120	149	218	280
1976	3,887	148	215	349
Hamilton				
1982	..	..	..	..
1981	3,217	87	150	113
1980	4,712	135	117	273
1979	4,615	121	69	602
1978	4,511	110	64	592
1977	4,543	98	54	597
1976	4,671	92	41	493

Source: Statistics Canada, *Carrier Traffic at Canadian Airports, (51-203).*

Notes:
1. The data cover scheduled international and mainline domestic flights.
2. Flights refers to total arriving plus departing flights.
3. Passengers refers to the total of those who land and disembark plus those who embark and take off, revenue and non-revenue.
4. Mail is the total of unloaded and loaded mail for which remuneration is received.
5. Cargo is the total of unloaded and loaded cargo for which any tariff charge is assessed.

Table 22.10 Vessel Movement and Cargoes Handled in International Seaborne Shipping, Selected Ports, Ontario, 1976 to 1981

Year	Courtright		Hamilton		Lakeview		Nanticoke	
	Vessels	Cargo	Vessels	Cargo	Vessels	Cargo	Vessels	Cargo
	#	'000's tonnes	#	'000's tonnes	#	'000's tonnes	#	'000's tonnes
1981	120	3,216.0	817	6,354.7	46	1,179.8	384	4,741.1
1980	6	88.5	1,083	8,294.8	4	53.6	272	2,852.5
1979	10	113.4	1,038	8,034.5	13	178.4	337	4,114.6
1978	..	..	..	..	..	..	..	..
1977	1	27.1	756	5,669.4	176	2,345.6	246	3,443.9
1976	9	64.4	893	7,666.2	140	1,933.8	234	3,603.9

Table 22.10 (cont'd.)

Year	Port Colborne		Sarnia		Sault Ste. Marie		Thunder Bay	
	Vessels	Cargo	Vessels	Cargo	Vessels	Cargo	Vessels	Cargo
	#	'000's tonnes	#	'000's tonnes	#	'000's tonnes	#	'000's tonnes
1981	189	1,110.1	1,702	2,533.0	757	5,515.3	860	3,282.1
1980	189	1,121.3	1,879	5,209.8	735	5,392.9	943	4,249.7
1979	140	1,219.6	1,959	5,774.6	820	5,581.0	984	3,463.7
1978	..	..	..	..	..	..	..	..
1977	193	913.0	1,816	4,634.7	573	3,765.5	1,245	3,782.5
1976	236	1,082.1	1,789	4,680.2	601	4,534.1	1,109	3,594.8

Table 22.10 (cont'd.)

Year	Toronto		Windsor		Great Lakes		Great Lakes % of Canada	
	Vessels	Cargo	Vessels	Cargo	Vessels	Cargo	Vessels	Cargo
	#	'000's tonnes	#	'000's tonnes	#	'000's tonnes		
1981	376	857.6	3,179	2,032.2	13,806	34,728	27.3	16.3
1980	404	1,344.5	2,752	1,838.8	17,134	36,457	29.7	17.2
1979	421	1,306.0	2,980	2,319.4	17,922	40,069	30.7	18.1
1978	..	..	..	..	..	..	..	..
1977	666	1,156.5	3,141	1,664.0	9,996	32,768	21.4	18.3
1976	757	1,309.2	3,078	1,619.9	9,942	35,669	22.6	18.9

Source: Statistics Canada, *International Seaborne Shipping Port Statistics*, (54-211).

Notes: 1. The Great Lakes Region consists of those ports located along the St. Lawrence River west of the Ontario-Quebec border, and on the Great Lakes. Most Ontario ports are in this region.
2. Vessel movements equal total arrivals and departures.
3. Cargo handled is total loaded and unloaded.

Table 22.11 Cargoes Handled in Coastwise Shipping, Selected Ports, Ontario, 1978 to 1982

Year	Clarkson	Colborne	Hamilton	Nanticoke	Sarnia
			'000's tonnes		
1982	1,302.4	1,078.9	3,164.8	2,702.8	2,402.0
1981	1,909.0	1,423.5	4,090.1	2,418.8	3,532.4
1980	1,918.8	1,519.9	5,902.9	3,044.9	3,460.4
1979	2,675.5	2,408.6	6,517.3	2,364.2	4,094.2
1978	2,572.2	2,282.8	6,444.4	105.0	3,831.0

Table 22.11 (cont'd.)

Year	Thunder Bay	Toronto	Windsor	Other	Total
			'000's tonnes		
1982	19,219.9	727.1	991.5	6,436.6	38,026.0
1981	16,340.6	1,090.1	1,496.6	7,598.2	39,899.3
1980	18,130.4	1,141.5	1,106.5	7,511.3	43,736.6
1979	16,959.8	1,215.5	1,099.0	8,951.4	46,285.5
1978	17,952.9	1,612.4	1,149.3	9,657.4	45,607.4

Source: Statistics Canada, *Coastwise Shipping Statistics*, (54-210).

Note: Coastwise shipping records cargoes handled in intraprovincial or interprovincial trade at Canadian ports.

Table 22.12 St. Lawrence Seaway Tonnage and Transits, Selected Years, 1961 to 1982

	Montreal-Lake Ontario Section		Welland Canal	
Year	Transits	Tonnes	Transits	Tonnes
	#	'000's	#	'000's
1982	4,127	42,815	4,951	49,024
1981	4,376	50,569	5,691	58,851
1980	4,772	49,454	6,321	59,606
1979	4,667	55,322	6,313	66,165
1978	5,080	56,943	6,386	65,671
1977	4,994	57,457	5,930	65,079
1976	4,662	49,349	5,618	58,369
1975	4,507	43,555	5,712	54,295
1974	4,009	40,050	4,917	47,501
1973	5,824	52,286	6,527	60,959
1972	5,781	48,608	6,573	58,147
1971	5,852	48,035	6,599	57,071
1966	6,945	44,679	8,373	53,771
1961	6,307	21,245	7,600	28,536

Source: The St. Lawrence Seaway Authority, *Traffic Report of the St. Lawrence Seaway.*

Note: Tug and Barge combinations are counted as one transit unit. Pleasure craft are excluded. Non-toll traffic is excluded.

Table 22.13 St. Lawrence Seaway Traffic Summary, by Type of Cargo, 1971 to 1982

Year	Agricultural Products		Mine Products		Processed Products		Miscellaneous Cargo	Total
	Grains	Other	Coal & Coke	Other	Fuel Oil & Petroleum Products	Other		
	'000's tonnes							
Montreal-Lake Ontario Section								
1982	24,265	251	1,835	8,928	1,383	5,995	159	42,815
1981	24,463	210	2,538	15,319	2,202	5,599	237	50,569
1980	26,752	168	1,627	13,264	2,032	5,354	256	49,454
1979	24,722	197	2,820	17,584	2,744	6,993	262	55,322
1978	27,736	149	3,427	15,657	2,370	7,262	342	56,943
1977	21,608	208	2,242	22,792	2,173	8,074	360	57,457
1976	18,471	284	1,966	20,539	1,589	6,144	355	49,349
1975	19,169	272	1,231	15,299	1,891	5,418	274	43,555
1974	14,316	357	1,366	15,962	1,945	5,755	350	40,050
1973	21,435	639	991	16,859	3,504	8,356	502	52,286
1972	20,675	660	784	13,181	2,979	9,573	756	48,608
1971	19,635	858	773	13,877	2,321	9,486	1,085	48,035
Welland Canal Section								
1982	25,193	210	7,898	9,457	1,438	4,710	118	49,024
1981	25,566	180	7,547	17,811	2,152	5,179	415	58,851
1980	28,149	108	8,728	15,290	2,023	4,852	456	59,606
1979	26,131	149	10,294	19,602	2,082	7,461	446	66,165
1978	28,916	97	7,934	19,614	1,298	7,336	476	65,671
1977	22,809	153	8,836	23,725	1,070	8,000	486	65,079
1976	19,458	203	8,491	23,170	777	5,766	506	58,369
1975	20,577	205	8,504	18,400	1,111	5,025	473	54,295
1974	15,708	238	6,327	18,071	1,163	5,539	455	47,501
1973	22,592	563	7,976	19,524	2,020	7,724	561	60,959
1972	21,632	532	9,559	15,777	1,270	8,677	701	58,147
1971	20,884	712	8,836	15,451	1,142	9,043	1,004	57,071

Source: The St. Lawrence Seaway Authority, *Statistics*.

Note: For Coal & Coke, the 1978 figure includes Anthracite and Bituminous Coal.

Table 22.14 Revenue Freight Carried by Railways within Ontario, 1976 to 1982

Year	Loaded On Railway Cars in Ontario		Freight Received From U.S. Rail & Destined to		Total Freight Traffic
	Cars	Freight	Canadian Points	U.S. Points	
	'000's	'000's tonnes			
Live Animals					
1982	—	0.9	—	-	1.1
1981	0.1	1.9	0.2	-	2.1
1980	0.1	2.1	—	-	2.1
1979	0.1	1.4	—	-	1.4
1978	0.1	2.3	0.4	-	2.7
1977	0.1	1.8	0.2	0.2	2.2
1976	0.1	3.4	0.5	0.1	3.9
Food, Feed, Beverages & Tobacco					
1982	79.0	4,554.9	1,344.9	626.6	6,526.4
1981	76.0	4,006.2	1,382.1	822.6	6,210.9
1980	84.1	4,270.3	1,420.4	1,060.3	6,750.9
1979	78.6	3,649.2	1,282.1	1,195.7	6,127.0
1978	76.4	3,800.6	1,496.2	1,277.4	6,574.2
1977	81.0	3,993.9	1,833.1	1,363.1	7,190.1
1976	81.9	4,041.1	1,791.0	1,447.5	7,279.6
Crude Materials Inedible					
1982	185.6	13,264.1	1,574.2	176.9	15,015.2
1981	275.6	19,187.7	2,167.3	185.2	21,540.3
1980	323.0	22,314.2	2,619.8	221.0	25,154.9
1979	300.9	20,031.0	2,618.7	294.1	22,943.8
1978	338.9	24,960.3	2,771.3	301.4	28,033.0
1977	377.2	28,376.3	2,700.9	466.2	31,543.4
1976	377.6	28,536.2	2,627.8	440.8	31,604.8
Fabricated Materials Inedible					
1982	181.7	11,017.2	1,507.5	748.7	13,273.4
1981	243.2	14,447.8	2,205.8	746.9	17,400.5
1980	240.4	13,959.8	2,215.6	806.1	16,981.5
1979	244.6	13,556.3	2,907.6	1,219.5	17,683.4
1978	233.6	14,218.8	2,839.5	1,248.0	18,306.4
1977	222.5	13,623.3	2,745.5	1,517.2	17,885.9
1976	208.6	12,496.5	2,744.9	1,484.9	16,726.3
End Products Inedible					
1982	115.0	2,353.7	1,321.3	277.7	3,952.7
1981	137.3	2,994.4	1,656.1	377.1	5,027.7
1980	156.7	3,314.9	1,721.1	470.4	5,506.5
1979	180.6	3,964.7	2,049.9	635.6	6,650.3
1978	181.0	4,438.3	2,359.4	938.0	7,735.7
1977	184.2	4,488.1	2,475.0	1,050.5	8,013.7
1976	188.0	4,811.6	2,668.6	1,157.2	8,637.4

Table 22.14 (cont'd.)

Year	Loaded On Railway Cars in Ontario		Freight Received From U.S. Rail & Destined to		Total Freight Traffic
	Cars	Freight	Canadian Points	U.S. Points	
	'000's	'000's tonnes			
Special Types of Traffic					
1982	126.0	3,189.5	449.5	39.4	3,678.3
1981	141.0	3,449.3	471.5	45.6	3,966.4
1980	139.8	3,282.5	495.0	53.6	3,831.2
1979	162.3	3,823.0	530.0	67.6	4,420.5
1978	152.1	4,123.8	475.3	56.5	4,655.6
1977	140.5	3,903.4	410.5	62.6	4,376.5
1976	146.3	3,879.1	549.3	71.1	4,499.5
Total Carload Traffic					
1982	687.3	34,380.3	6,197.5	1,869.3	42,447.1
1981	873.1	44,087.4	7,883.0	2,177.4	54,147.8
1980	944.1	47,143.8	8,471.9	2,611.5	58,227.2
1979	967.0	45,025.4	9,388.3	3,412.6	57,826.3
1978	982.1	51,544.2	9,942.1	3,821.3	65,307.5
1977	1,005.6	54,386.8	10,165.2	4,459.8	69,011.8
1976	1,002.5	53,767.9	10,382.1	4,601.6	68,751.6
Non-carload Shipments					
1982	...	228.2	26.9	48.3	303.4
1981	...	170.7	0.1	—	170.8
1980	...	184.2	0.1	—	184.3
1979	...	216.1	0.2	—	216.4
1978	...	316.6	0.6	0.1	317.3
1977	...	359.8	0.3	—	360.2
1976	...	353.6	0.3	—	354.0
Total					
1982	...	34,608.5	6,224.4	1,917.6	42,750.5
1981	...	44,258.1	7,883.2	2,177.5	54,318.7
1980	...	47,328.0	8,472.0	2,611.5	58,411.4
1979	...	45,241.6	9,388.4	3,412.6	58,042.7
1978	...	51,860.8	9,942.7	3,821.3	65,624.8
1977	...	54,746.7	10,165.5	4,459.8	69,372.0
1976	...	54,121.6	10,382.4	4,601.6	69,105.6

Source: Statistics Canada, *Railway Freight Traffic*, (52-205).
Note: Total Freight Traffic is initial haul.

Table 22.15 Telephones by Types of Service, Ontario, 1975 to 1982

Year	Individual Lines	Two or More Party Lines	Extensions	Public Pay Telephones	Other Types	Total	% of Canada
			'000's				
Residence							
1982	2,838.5	327.3	1,183.3	–	—	4,349.2	37.0
1981	2,777.7	339.1	1,236.2	–	—	4,353.0	37.0
1980	2,688.8	353.0	1,290.5	–	—	4,332.3	37.6
1979	2,587.5	367.0	1,268.6	–	—	4,223.1	38.1
1978	2,504.2	380.7	1,199.0	–	—	4,084.0	38.4
1977	2,408.5	395.9	1,117.5	–	—	3,922.0	38.5
1976	2,307.1	413.1	1,040.2	–	—	3,760.4	38.5
1975	2,207.3	424.2	932.1	–	—	3,563.7	38.6
Business							
1982	504.2	6.2	373.8	50.8	857.9	1,792.9	35.5
1981	516.2	6.1	393.0	47.8	910.3	1,873.3	36.1
1980	505.4	6.7	395.9	45.0	894.9	1,847.9	36.8
1979	487.2	10.1	401.1	42.8	849.0	1,790.3	37.6
1978	467.5	8.0	372.1	40.4	833.6	1,721.5	38.0
1977	445.5	8.7	356.8	37.8	803.3	1,652.0	38.3
1976	424.8	9.0	342.4	35.0	777.5	1,588.8	38.5
1975	404.3	9.1	327.4	33.7	753.5	1,528.0	38.9
Total							
1982	3,342.7	333.5	1,557.1	50.8	858.0	6,142.1	36.6
1981	3,293.9	345.2	1,629.1	47.8	910.3	6,226.3	36.7
1980	3,194.3	359.7	1,686.4	45.0	894.9	6,180.3	37.4
1979	3,074.7	377.1	1,669.7	42.8	849.0	6,013.3	38.0
1978	2,971.7	388.7	1,571.1	40.4	833.6	5,805.5	38.3
1977	2,854.0	404.7	1,474.3	37.8	803.4	5,574.1	38.5
1976	2,731.9	422.1	1,382.7	35.0	777.6	5,349.2	38.5
1975	2,611.6	433.3	1,259.5	33.7	753.6	5,091.7	38.7

Source: Statistics Canada, *Telephone Statistics, (56-203).*

Note: Other Types includes mobile, centrex and PBX telephones as well as Wide Area Telephone Service Lines (WATS).

Table 22.16 Telephone Calls, Ontario, 1976 to 1982

Year	Telephone Calls			Calls Per Telephone			Total Calls Per Capita
	Local	Long Distance	Total	Local	Long Distance	Total	
		millions			number		
1982	8,584	500	9,084	1,398	83	1,481	1,038
1981	8,457	496	8,953	1,358	81	1,439	1,033
1980	8,031	461	8,492	1,299	76	1,375	987
1979	7,723	432	8,155	1,284	73	1,357	955
1978	7,508	406	7,914	1,293	71	1,364	933
1977	7,336	372	7,708	1,316	68	1,384	913
1976	6,949	357	7,306	1,299	68	1,367	870

Source: Statistics Canada, *Telephone Statistics, (56-203).*

Table 22.17 AM and FM Stations by Language, Ontario and Other Regions of Canada, March, 1983

	English		French		Native		Multi-lingual		Total	
	AM	FM	AM	FM	AM	FM	AM	FM	AM	FM
					number					
Originating Stations										
Ontario	92	69	5	2	2	1	1	–	100	72
Atlantic	63	18	4	1	–	4	–	–	67	23
Quebec	8	4	69	45	–	15	–	1	77	65
West	144	49	4	2	4	4	3	–	155	55
Canada	307	140	82	50	6	24	4	1	399	215
Ontario % of Canada	30.0	49.3	6.1	4.0	33.3	4.2	25.0	–	25.1	33.5
Re-broadcasting Stations										
Ontario	51	42	24	22	–	–	–	–	75	64
Atlantic	36	58	16	18	–	–	–	–	52	76
Quebec	17	30	41	70	–	–	–	–	58	100
West	160	181	10	24	1	13	–	–	171	218
Canada	264	311	91	134	1	13	–	–	356	458
Ontario % of Canada	19.3	13.5	26.4	16.4	–	–	–	–	21.1	14.0

Source: Canadian Radio, Television and Telecommunications Commission.

Notes: 1. Originating Stations originate (in whole or in part) a daily program schedule.
2. Rebroadcasting Stations rebroadcast the program schedule of another station, network or any other program source.
3. Native Stations broadcast predominantly in a Canadian Indian or Eskimo language with some broadcasting in English or French.
4. Multilingual Stations broadcast predominantly in languages other than English, French or Native.
5. FM broadcasting stations include stations that are providing the basic AM service on FM frequencies.

Table 22.18 Television Stations by Language, Ontario and Other Regions of Canada, March 1983

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
Originating Stations						
English	27	16	4	34	81	33.3
French	2	2	20	3	27	7.4
Native	1	–	4	–	5	20.0
Multilingual	1	–	–	–	1	100.0
Total	31	18	28	37	114	27.2
Rebroadcasting Stations						
English	106	217	49	603	975	10.9
French	32	27	151	46	256	12.5
Native	–	–	–	6	6	–
Multilingual	–	–	–	–	–	–
Total	138	244	200	655	1,237	11.2
CANCOM	36	86	15	201	338	10.7
Total	205	348	243	893	1,689	12.1

Source: Canadian Radio, Television and Telecommunications Commission.

Notes: 1. See Table 22.17, notes 1 to 4.
2. CANCOM stands for Canadian Communications Satellite. The data refer to undertakings that are authorized by the Commission to receive and distribute Extension of Services signals, including Cable and STV undertakings to service remote areas.

Table 22.19 Revenue from Air Time Sales, Privately Owned Radio and Television Broadcasting Industry, Ontario and Other Regions of Canada, 1975 to 1982

	Radio Broadcasting				Television Broadcasting				
Year	Local	National	Network	Total	Local	National	Network	Total	Total
					$ '000's				
1982									
Ontario	108,489	46,368	-	154,857	29,691	187,216	37,234	254,141	408,998
Atlantic	32,683	6,211	-	38,894	11,672	15,010	10,371	37,053	75,947
Quebec	66,897	28,566	1,591	97,054	52,290	81,785	19,609	153,684	250,738
West	138,852	36,266	7	175,125	73,112	109,751	43,091	225,954	401,079
Canada	346,921	117,411	1,598	465,930	166,765	393,762	110,305	670,832	1,136,762
Ontario % of Canada	31.3	39.5	-	33.2	17.8	47.5	33.8	37.9	36.0
Ontario									
1981	104,155	44,665	92	148,913	26,005	165,756	30,216	221,976	370,889
1980	94,372	41,543	-	135,915	22,723	141,460	26,267	190,450	326,365
1979	85,771	39,878	8	125,656	17,615	124,585	22,415	164,615	290,271
1978	77,253	34,753	8	112,014	15,127	105,646	19,348	140,121	252,135
1977	68,043	31,218	9	99,270	13,198	86,851	17,844	117,893	217,163
1976	59,478	28,880	7	88,365	12,735	72,834	17,226	102,795	191,160
1975	51,926	25,359	15	77,300	13,454	58,480	14,186	86,120	163,420

Source: Statistics Canada, *Radio and Television Broadcasting*, (56-204).

Notes: 1. Local air time sales are advertising carried by radio and television stations on behalf of a local advertiser.
2. Network air time sales are advertising carried by radio and television stations originating from a national advertiser and usually contracted through an advertising agency and a national sales representative or a network.
3. Network time sales arrangements are generally made by the advertising agency directly with the television or radio network.

Table 22.20 Cable Television Subscribers and Revenue, Ontario and Other Regions of Canada, 1973 to 1982

	Subscribers		Operating Revenue From					
Year	Direct	Indirect	Direct Subscribers	Indirect Subscribers	Installation	Education Services	Other	Total
	'000's					$ '000's		
1982								
Ontario	1,624	369	150,035	14,414	7,989	3	3,002	175,443
Atlantic	259	21	27,345	964	1,120	-	151	29,580
Quebec	940	33	97,982	1,033	3,038	-	561	102,615
West	1,355	284	132,358	16,617	10,578	-	472	160,025
Canada	4,178	708	407,720	33,027	22,726	3	4,187	467,663
Ontario % of Canada	38.9	52.1	36.8	43.6	35.2	100.0	71.7	37.5
Ontario								
1981	1,540	376	130,303	13,193	7,600	3	2,532	153,631
1980	1,450	361	117,443	13,196	6,477	3	2,043	139,162
1979	1,374	381	106,895	13,073	5,684	2	1,724	127,379
1978	1,279	367	95,279	12,139	5,167	—	1,068	113,653
1977	1,147	364	81,715	10,385	3,891	—	3,785	99,776
1976	1,082	371	75,723	6,923	3,364	28	5,723	91,760
1975	993	360	62,919	6,071	3,060	17	2,608	74,676
1974	910	318	52,194	4,273	2,892	43	1,308	60,710
1973	795	211	43,745	2,855	2,022	15	340	48,978

Source: Statistics Canada, *Cable Television*, (56-205).

Notes: 1. Direct Subscribers corresponds to the number of single dwellings billed directly by the cable system operator.
2. Indirect Subscribers corresponds to the number of subscribers billed under contract with a third party such as a landlord or community association.

Table 22.21 Daily and Non-daily Newspaper Circulation, Ontario and Other Regions of Canada, 1976 to 1981

Year	Dailies	Non-dailies	Circulation			Combined Circulation per 1,000 Population
			Dailies	Non-dailies	Total	
	number		'000's			
1981						
Ontario	47	423	2,376.0	4,188.0	6,564.0	761.0
Atlantic	19	75	441.0	449.0	890.0	398.4
Quebec	11	223	1,151.0	4,139.0	5,290.0	821.6
West	43	486	1,656.0	4,201.0	5,857.0	831.3
Canada	120	1,207	5,624.0	12,977.0	18,601.0	764.1
Ontario % of Canada	39.2	35.0	42.3	32.3	35.3	. .
Ontario						
1980	48	423	2,346.0^{r}	4,165.6	6,511.6	759.8
1979	50	475	2,306.0^{r}	4,302.9	6,608.9	777.3
1978	50	468	2,284.0	4,182.9	6,466.9	766.2
1977	50	405	2,237.5	3,271.0	5,508.5	659.4
1976	50	405	2,168.5	3,121.6	5,290.1	640.1

Source: Statistics Canada, *Culture Statistics. Newspapers and Periodicals*, (87-625).

Notes: 1. The average circulation includes the number of copies sold either by subscription or retail sales, as well as the number of copies distributed free of charge, but not the number of stolen or uncirculated copies.

2. The data summarize circulation statistics obtained from Canadian Advertising Rates and Data (CARD). The reported data are average circulations per issue over the most recent six-month audit period available.

Table 22.22 Circulation of Selected Daily Newspapers, Ontario, 1976 to 1982

Year	Toronto Star	Toronto Globe & Mail	Toronto Sun	Hamilton Spectator	London Free Press	Ottawa Citizen	Ottawa Le Droit
				number			
1982	485,138	323,691	242,416	148,545	125,719	173,054	44,155
1981	479,031	355,762	229,497	147,689	126,067	152,132	44,888
1980	480,961	286,983	223,592	148,401	129,206	123,986	46,576
1979	485,084	280,034	209,381	144,473	130,402	117,859	46,187
1978	486,286	263,079	175,604	143,618	130,027	109,737	45,035
1977	492,254	262,821	143,378	139,960	125,042	107,149	44,849
1976	488,942	259,042	125,783	137,579	124,798	98,866	42,778

Table 22.22 (cont'd.)

Year	Windsor Star	Kitchener Record	St. Catharines Standard	Sudbury Star	Kingston Whig-Standard	Thunder Bay Times/ Journal News Chronicle	Brantford Expositor
				number			
1982	90,737	72,816	42,493	30,243	34,868	35,392	31,977
1981	91,753	70,706	42,772	29,943	35,571	34,820	32,196
1980	91,051	70,445	43,257	32,051	35,932	34,768	32,196
1979	88,938	69,724	42,234	34,167	36,579	35,092	31,226
1978	88,362	68,396	42,694	33,072	36,253	33,612	30,469
1977	85,953	66,352	42,223	34,337	35,198	33,529	29,655
1976	84,004	64,348	41,043	35,062	35,401	33,232	28,558

Table 22.22 (cont'd.)

Year	Oshawa Times	Peterborough Examiner	Sault Ste. Marie Star	Niagara Falls Review	Welland Tribune	Guelph Mercury	Cornwall Standard Freeholder
				number			
1982	22,517	23,359	25,996	20,180	17,991	17,407	16,991
1981	21,987	23,258	26,040	20,712	18,667	17,528	17,237
1980	22,119	23,104	25,759	20,920	18,605	17,122	16,998
1979	24,009	22,767	25,642	21,258	18,864	17,530	16,711
1978	24,035	23,712	24,185	20,820	18,826	17,190	16,116
1977	24,201	24,034	23.292	20,425	18,692	16,406	15,601
1976	23,635	24,037	23,292	19,852	18,262	17,187	15,226

Source: Audit Bureau of Circulations.

Notes: 1. Circulation represents the daily average paid circulation.
2. Circulation excludes bulk sales, i.e. newspapers purchased by an agent, such as an airline, hotel, etc., and distributed free to clients.
3. Thunder Bay shows the combined circulation before merger of the two papers.

Table 22.23 Selected Magazine Circulation, Ontario, 1976 to 1982

Year	Reader's Digest	Chatelaine (English)	T.V. Guide	Maclean's	Legion	Time
				number		
1982	522,588	518,042	453,877	311,528	186,066	140,425
1981	516,274	503,315	502,133	305,945	191,597	132,052
1980	534,256	503,468	548,504	295,278	185,071	131,951
1979	502,571	474,130	572,506	292,488	182,343	133,536
1978	515,165	485,404	632,206	299,897	179,849	141,678
1977	502,232	457,784	637,453	294,226	178,437	137,827
1976	501,392	450,836	610,117	297,840	171,639	149,418

Table 22.23 (cont'd.)

Year	Flare	Toronto Life	Selection du Reader's Digest (French)	Chatelaine (French)	L'Actualité	T.V. HEBDO (French)
				number		
1982	88,494	81,953	9,237	8,624	8,683	3,283
1981	91,331	70,799	9,215	9,414	9,554	2,890
1980	93,479	68,955	9,756	9,857	10,365	3,391
1979	76,071	67,839	9,363	10,471	11,017	3,371
1978	79,555	68,482	9,323	14,997	12,059	3,768
1977	82,721	62,154	9,907	12,688	11,672	5,305
1976	81,105	52,220	7,783	13,397	12,029	3,729

Source: Audit Bureau of Circulations.

Notes: 1. Circulation figures are based on a selected issue of the particular magazine for each year.
2. T.V. Guide refers to Toronto – Lake Ontario issue. This magazine is now Canadian owned. In previous years circulation was derived from the surplus of U.S. sales.
3. L'Actualité is merger of Le Maclean and L'Actualité.
4. Flare is a name change from Miss Chatelaine in 1979.

Chapter 23
Retail and Wholesale Trade

Retail and Wholesale Trade

Retail and wholesale trade form a major component of the growing service sector of the Ontario economy, providing employment to more than 675,000 people. Ontario's retail and wholesale trade account for almost 40% of domestic marketing activity in Canada.

The retail trade industry includes establishments which are primarily engaged in the purchase and resale of goods and the provision of related services to consumers for household and personal use, through the operation of retail stores and vending machines, and by direct selling.

Wholesale trade covers establishments primarily engaged in the purchase and resale of goods to retailers, business users, and other wholesalers, or acting as agents or brokers in the above types of transactions. Certain trade establishments dealing in such goods as office equipment and furniture, lumber and building materials, farm supplies, fuel oil, and machinery and equipment, are classed as wholesale whether they sell to other businesses or to individuals because the establishment is often unable to segregate its sales by type of customer.

Sources of Data

The major sources of retail and wholesale trade data are:

- Statistics Canada's monthly and annual survey of department stores, chains and independent retail outlets, monthly survey of motor vehicle manufacturers and importers, and annual survey of vending machine operators;
- administrative data covering sales of alcoholic beverages and fuel compiled by Statistics Canada;
- estimates of cigarette sales made by the Addiction Research Foundation;
- monthly and annual surveys of wholesale establishments by Statistics Canada.

The monthly survey of some 16,000 department, chain and independent retail outlets provides data on total net sales volume by kind of business. This source provides no information on direct selling which bypasses the retail outlet. Net sales are calculated as receipts for new and used goods and for services such as repairs and rental of equipment, minus returns, adjustments and discounts. Data are for twenty-eight kinds of business stratified into chain and independent stores.

A chain is defined as an organization operating four or more retail outlets in the same kind of business, under the same legal ownership. Any firm, including franchise operations, which does not meet these criteria is classified as an independent; the only exception is for department stores which are all added into the chain component. Data are available back to 1929, but there is a break in data continuity between 1971 and 1972, because of changes in survey methodology. The data are published in *Retail Trade*, (63-005). More information on department stores can be found in *Department Store Sales and Stocks*, (63-002), with an advance release in *Department Store Sales by Region*, (63-004).

The annual survey of retail chain and department stores collects data from all known stores in these categories and provides greater detail than is available monthly. The data are published in *Retail Chain and Department Stores*, (63-210). Since data from this source are based on the financial years of respondents, caution should be exercised in making comparisons with calendar year totals from the monthly survey.

Data on retail trade by commodity are available in the *Retail Commodity Survey*, *1974*, published by Statistics Canada. This report provides information on sales by some 90 kinds of business covering more than 250 different commodity groups. The statistics are now quite dated, but this survey presents a very comprehensive picture of the structure of retail trade. Because of the large cost involved, no retail commodity survey has been carried out since 1974.

The monthly retail trade survey provides data on sales by motor vehicle dealers, including sales of new and used cars, parts and service. However, information on sales of new motor vehicles is also available from an exhaustive survey of all Canadian and American motor vehicle manufacturers and importers of foreign manufactured vehicles operating in Canada. These respondents provide data on sales by their dealers, broken down into domestic and overseas vehicles. Vehicles assembled in Canada or the United States and sold in Canada are considered domestic, while the overseas category covers fully assembled vehicles imported from countries other than the U.S. The results of this survey, published monthly in *New Motor Vehicle Sales*, (63-007), are considered to be more timely and more reliable than those from the retail trade survey because the smaller number of respondents makes complete coverage feasible.

Statistics Canada also conducts an annual survey of some 700 vending machine operators. Excluded are operations with annual sales of less than $20,000 or with less than 10 full-size vending machines. The data are published in *Vending Machine Operators, (63-213).*

Further information on any of the above surveys can be obtained from the Merchandising and Services Division of Statistics Canada, telephone Ottawa, 990-9665. Aggregate data are available on CANSIM.

Data on alcoholic beverage sales by type, volume and value are collected on a fiscal year basis by Statistics Canada from provincial liquor authorities and published in *The Control and Sale of Alcoholic Beverages in Canada, (63-202).* The report covers sales by the L.C.B.O. to final consumers and to licensed vendors and sales by retail outlets of wineries and breweries. The value data do not include mark-ups by licensees and therefore do not represent the final total value of retail sales. For additional information contact the Public Finance Division of Statistics Canada, telephone Ottawa, 990-8556.

The Ontario Ministry of Revenue's Fuels and Tobacco Tax Branch maintains records of fuel tax collected and motive fuel sales. These data are collected by Statistics Canada and published annually in *Road Motor Vehicles, Fuel Sales, (53-218).* Information is available on sales of gasoline, diesel oil and liquified petroleum gas used for road transport purposes and road-vehicle type gasoline used in off-highway activities such as farming, forestry and mining. For further information, contact the Transportation and Communications Division of Statistics Canada, telephone Ottawa, 990-8693.

The Addiction Research Foundation (ARF) uses data on provincial tobacco tax revenue to estimate sales of cigarettes which it publishes in *Statistics on Alcohol and Drug Use in Ontario and Other Provinces.* Additional information can be obtained from the Statistical Information Section of ARF, telephone Toronto, 595-6091.

Statistics Canada's monthly survey of wholesale trade collects data from 1,500 wholesale merchants across Canada, stratified by kind of business. Agents and brokers, manufacturers' sales branches and primary product dealers are excluded from this survey. The results are published in *Wholesale Trade, (63-008),* and are available on CANSIM.

The annual survey of wholesale establishments provides principal statistics for all businesses classified to the wholesale trade sector, whether merchants or broker/agents. This survey dates only from 1981; previously biennial surveys were conducted, with wholesale merchants covered in odd years and agents and brokers surveyed in the intervening years. The present survey is a census of all agents and brokers and large and medium-size wholesale merchants, combined with Revenue Canada administrative data for small businesses. Data from the survey are published in *Wholesale Trade Statistics, (63-226).*

Wholesale trade statistics measure the total volume of wholesale trade. This amount will exceed the total value of goods passing through the wholesale sector to the extent that wholesale businesses sell to each other and, therefore, some goods are double counted. Further information is available from the Merchandising and Services Division of Statistics Canada, telephone Ottawa, 990-9679.

A convenient source of Statistics Canada data related to wholesale and retail trade is the *Market Research Handbook, (63-224).* Other possible sources of information are trade associations such as the Retail Merchants' Association of Canada (Ontario) Inc., telephone Toronto, 291-7903. The Maclean-Hunter Research Bureau publishes a number of directories and reports on retailing, telephone Toronto, 596-5287.

Retail and Wholesale Trade

Charts:

23.1 Retail Trade Sales, Ontario, 1972 to 1982
23.2 Retail Trade Sales by Kind of Business, Ontario, 1982
23.3 New Passenger Car Sales by Origin, Ontario and Other Regions of Canada, 1982
23.4 Motor Vehicle Dealer Sales, Ontario, 1972 to 1982
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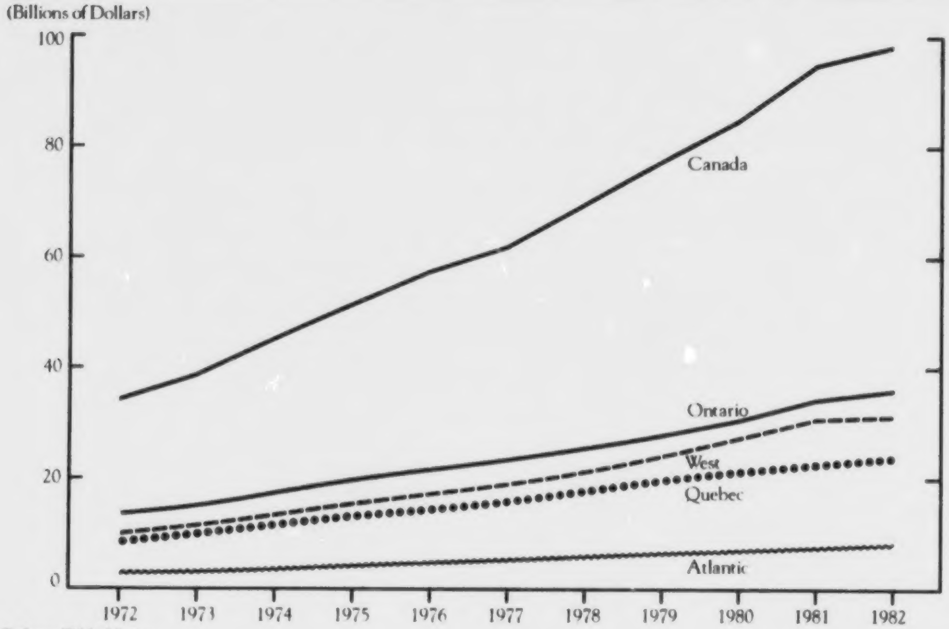
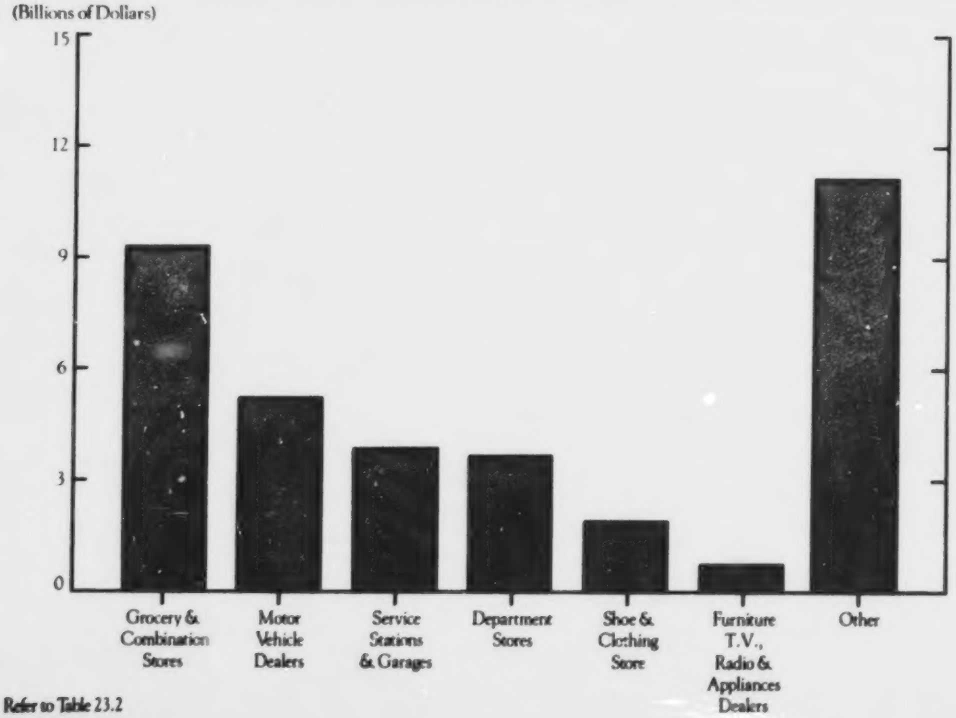
23.18 Wholesale Trade by Industry, Ontario Compared to Canada, 1981

Chart 23.1 Retail Trade Sales, Ontario, 1972 to 1982



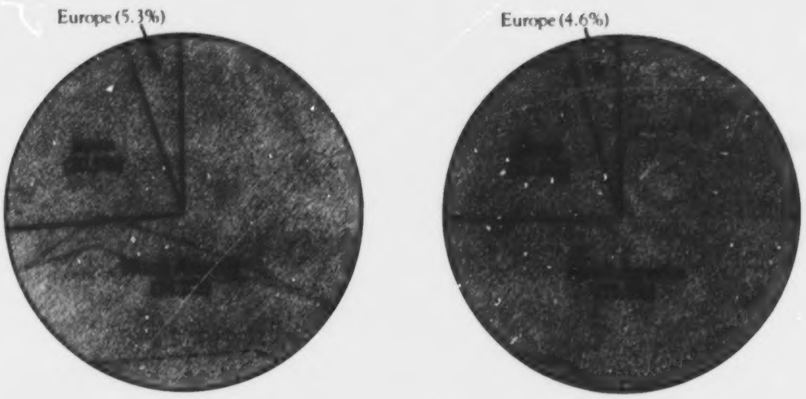
Refer to Table 23.1

Chart 23.2 Retail Trade Sales by Kind of Business, Ontario, 1982

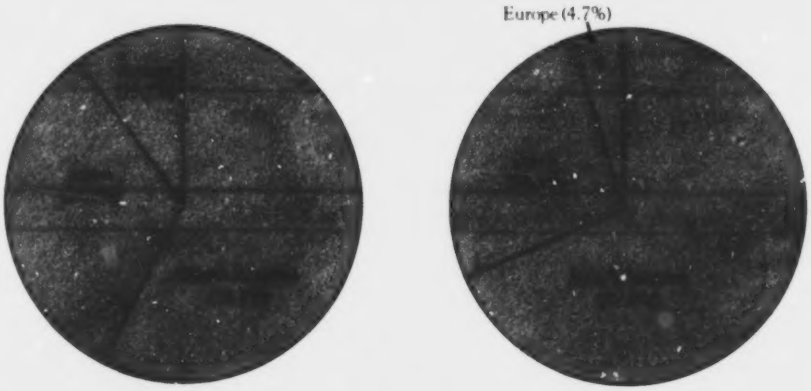


Refer to Table 23.2

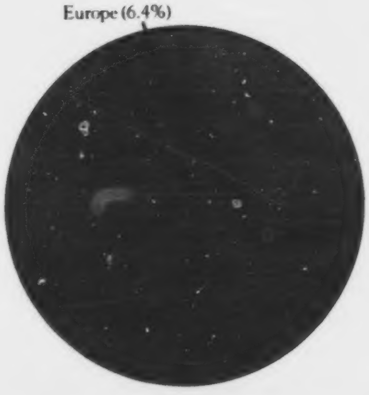
Chart 23.3 New Passenger Car Sales by Origin, Ontario and Other Regions of Canada, 1982



Ontario Atlantic



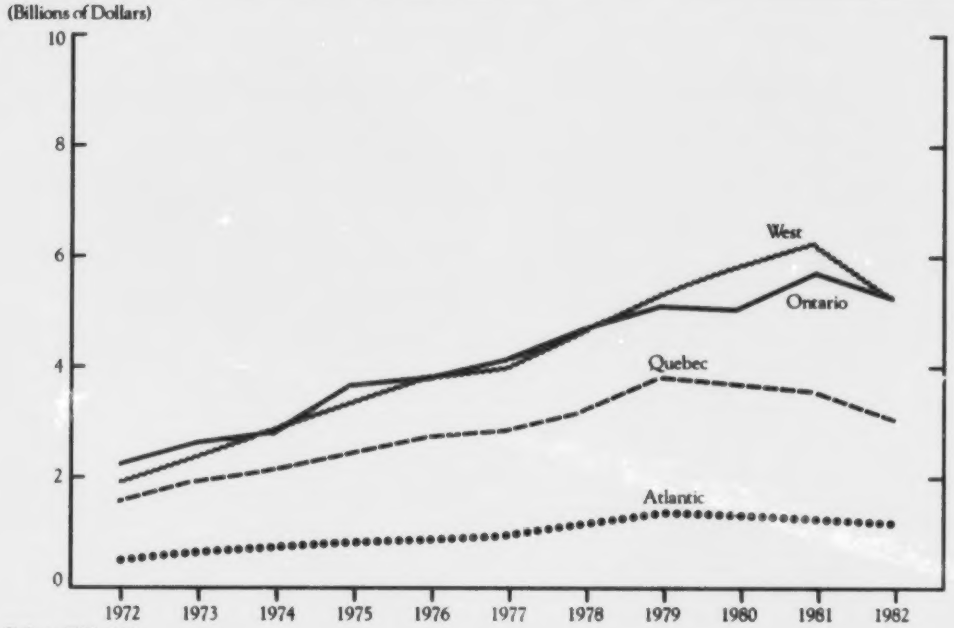
Quebec West



Canada

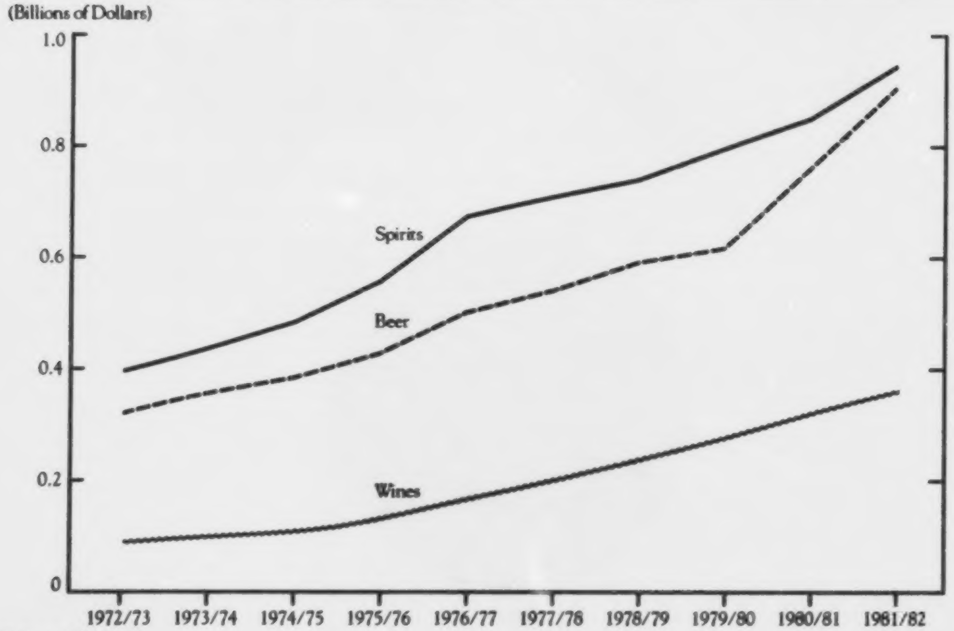
Refer to Table 23.9

Chart 23.4 Motor Vehicle Dealer Sales, Ontario, 1972 to 1982



Refer to Table 23.4

Chart 23.5 Alcoholic Beverage Sales, Ontario, 1972/73 to 1981/82



Refer to Table 23.13

Table 23.1 Retail Trade Sales, Ontario and Other Regions of Canada, 1972 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1982	35,543.3	7,720.0	23,496.8	30,878.4	97,638.5	36.4
1981	33,732.4	7,245.5	22,670.6	30,644.3	94,292.8	35.8
1980	29,666.2	6,627.9	20,894.9	26,837.6	84,026.6	35.3
1979	27,515.3	6,294.8	19,624.5	23,590.5	77,025.1	35.7
1978	25,186.3	5,615.2	17,196.0	20,781.0	68,778.6	36.6
1977	22,718.9	4,921.3	15,563.3	18,419.2	61,622.7	36.9
1976	21,057.0	4,624.7	14,447.9	16,998.0	57,127.6	36.9
1975	19,151.0	4,167.3	13,019.9	15,023.2	51,361.5	37.3
1974	16,569.9	3,638.0	11,385.3	13,145.5	44,738.6	37.0
1973	14,505.2	3,095.3	9,696.7	11,015.9	38,313.2	37.9
1972	13,058.4	2,786.0	8,611.9	9,630.0	34,086.2	38.3

Source: Statistics Canada, *Retail Trade*, (63-005).

Table 23.2 Retail Trade Sales by Kind of Business, Ontario, 1972 to 1982

Year	Grocery & Combination Stores	Motor Vehicle Dealers	Service Stations & Garages	Department Stores	Shoe & Clothing Stores	Furniture, T.V., Radio & Appliance Dealers	Other	Total
					$ millions			
1982	9,227.8	5,196.5	3,849.3	3,632.6	1,863.3	700.8	11,073.0	35,543.3
1981	8,419.6	5,642.1	3,500.0	3,597.4	1,835.7	800.3	9,937.3	33,732.4
1980	7,469.7	4,946.7	2,754.2	3,308.4	1,634.4	669.6	8,883.2	29,666.2
1979	6,749.4	5,050.3	2,357.3	3,085.2	1,546.3	629.7	8,097.1	27,515.3
1978	6,131.3	4,604.3	2,156.3	2,845.5	1,373.0	614.8	7,461.1	25,186.3
1977	5,503.6	4,077.8	1,973.8	2,583.2	1,255.1	571.1	6,754.3	22,718.9
1976	5,112.8	3,721.1	1,769.6	2,397.8	1,197.6	597.9	6,260.2	21,057.0
1975	4,577.9	3,595.3	1,468.8	2,165.3	1,023.7	589.9	5,730.1	19,151.0
1974	3,918.9	2,743.3	1,422.1	1,924.0	927.1	501.8	5,132.7	16,569.9
1973	3,301.4	2,568.3	1,176.0	1,649.9	842.2	468.5	4,498.9	14,505.2
1972	2,958.1	2,209.7	1,063.1	1,453.8	777.6	418.5	4,177.6	13,058.4

Source: Statistics Canada, *Retail Trade*, (63-005).

Table 23.3 Grocery and Combination Store Sales, Ontario and Other Regions of Canada, 1972 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1982	9,227.8	2,018.8	6,743.3	6,854.4	24,844.5	37.1
1981	8,419.6	1,854.4	6,390.3	6,194.1	22,858.3	36.8
1980	7,469.7	1,599.6	5,834.1	5,300.6	20,204.1	37.0
1979	6,749.4	1,483.4	5,284.2	4,681.6	18,198.7	37.1
1978	6,131.3	1,294.9	4,717.2	4,049.4	16,192.8	38.0
1977	5,503.6	1,136.7	4,250.4	3,480.1	14,370.8	38.3
1976	5,112.8	..	3,824.7	3,119.6	13,155.8	38.9
1975	4,577.9	..	3,597.3	2,816.1	11,983.8	38.2
1974	3,918.9	..	2,964.2	2,539.0	10,262.9	38.2
1973	3,301.4	..	2,538.1	2,082.7	8,594.9	38.4
1972	2,958.1	..	2,267.5	1,876.8	7,721.3	38.3

Source: Statistics Canada, *Retail Trade*, (63-005).

Note: West excludes the Yukon and Northwest Territories from 1972 to 1976, due to confidentiality.

Table 23.4 Motor Vehicle Dealer Sales, Ontario and Other Regions of Canada, 1972 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1982	5,196.5	1,120.3	2,993.0	5,103.3	14,413.0	36.1
1981	5,642.1	1,206.0	3,521.3	6,177.6	16,546.9	34.1
1980	4,946.7	1,312.6	3,636.6	5,801.9	15,697.9	31.5
1979	5,050.3	1,316.3	3,802.7	5,252.1	15,421.4	32.7
1978	4,604.3	1,149.0	3,170.8	4,555.3	13,479.5	34.2
1977	4,077.8	912.6	2,826.8	3,932.4	11,749.7	34.7
1976	3,721.1	858.2	2,713.0	3,765.6	11,057.9	33.7
1975	3,595.3	795.9	2,425.6	3,366.9	10,183.7	35.3
1974	2,743.3	705.5	2,074.0	2,780.4	8,303.3	33.0
1973	2,568.3	627.4	1,903.5	2,323.2	7,422.4	34.6
1972	2,209.7	547.4	1,565.3	1,918.0	6,240.4	35.4

Source: Statistics Canada, *Retail Trade*, (63-005).

Table 23.5 Service Station and Garage Sales, Ontario and Other Regions of Canada, 1972 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1982	3,849.3	807.9	3,014.5	2,388.7	10,104.7	38.1
1981	3,500.0	724.6	2,456.8	2,166.3	8,874.2	39.4
1980	2,754.2	570.7	1,946.4	1,692.4	6,987.4	39.4
1979	2,357.3	492.8	1,781.1	1,547.4	6,216.6	37.9
1978	2,156.3	471.8	1,442.7	1,445.8	5,535.8	39.0
1977	1,973.8	448.8	1,271.2	1,361.8	5,072.4	38.9
1976	1,769.6	419.7	1,193.5	1,205.7	4,595.9	38.5
1975	1,468.8	332.4	1,059.1	990.8	3,856.9	38.1
1974	1,422.1	283.1	976.9	909.1	3,595.1	39.6
1973	1,176.0	246.8	787.6	764.5	2,978.4	39.5
1972	1,063.1	228.6	701.5	674.9	2,686.9	39.6

Source: Statistics Canada, *Retail Trade*, (63-005).

Note: Atlantic excludes garage sales for: Prince Edward Island from 1972 to 1976, Nova Scotia from 1977 to 1981, New Brunswick for 1979, and service station and garage sales for Prince Edward Island in 1982, due to confidentiality. West excludes the Yukon and Northwest Territories due to confidentiality.

Table 23.6 Department Store Sales, Ontario and Other Regions of Canada, 1972 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1982	3,632.7	676.6	1,794.9	4,102.3	10,206.4	35.6
1981	3,597.4	640.1	1,809.0	4,171.6	10,218.1	35.2
1980	3,308.4	591.7	1,738.3	3,728.4	9,366.8	35.3
1979	3,085.2	550.0	1,615.8	3,283.5	8,534.4	36.2
1978	2,845.5	497.5	1,467.4	2,893.8	7,704.2	36.9
1977	2,583.2	448.5	1,324.7	2,587.5	6,943.8	37.2
1976	2,397.8	417.2	1,279.4	2,415.2	6,509.6	36.8
1975	2,165.3	373.1	1,097.5	2,140.9	5,776.8	37.5
1974	1,924.0	317.6	942.8	1,886.9	5,071.3	37.9
1973	1,649.9	264.0	797.8	1,604.5	4,316.2	38.2
1972	1,453.8	219.3	681.2	1,359.6	3,713.9	39.1

Source: Statistics Canada, *Retail Trade*, (63-005).

Table 23.7 New Motor Vehicle Sales, Ontario Compared to Canada, 1972 to 1983

Year	Passenger Cars	Commercial Vehicles	Total	
			Ontario	% of Canada
		number		
1983	334,128	75,292	409,420	37.9
1982	275,920	60,270	336,190	36.5
1981	338,076	81,419	419,495	35.2
1980	335,815	85,016	420,831	33.3
1979	380,430	113,487	493,917	35.4
1978	391,408	115,920	507,328	37.1
1977	388,568	108,583	497,151	37.0
1976	351,523	105,087	456,610	35.4
1975	409,189	101,444	510,633	38.8
1974	359,427	93,679	453,106	36.3
1973	387,309	81,881	469,190	38.3
1972	346,819	68,234	415,053	39.0

Source: Statistics Canada, *New Motor Vehicle Sales*, (63-007).

Table 23.8 New Motor Vehicle Sales by Type, Ontario and Other Regions of Canada, 1982

	Ontario	Atlantic	Quebec	West	Total	Ontario % of Canada
			number			
Passenger Cars	275,920	57,702	194,772	185,087	713,481	38.7
Commercial Vehicles	60,270	19,108	29,350	98,693	207,421	29.1
Total	336,190	76,810	224,122	283,780	920,902	36.5

Source: Statistics Canada, *New Motor Vehicle Sales*, (63-007).

Table 23.9 New Passenger Car Sales by Origin, Ontario and Other Regions of Canada, 1982

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
North America	204,727	43,518	113,175	128,015	489,435	41.8
Japan	56,609	11,533	61,759	48,273	178,174	31.8
Europe	14,584	2,651	19,838	8,799	45,872	31.8
Total	275,920	57,702	194,772	185,087	713,481	38.7

Source: Statistics Canada, *New Motor Vehicle Sales*, (63-007).

Table 23.10 Retail Chains, Stores and Sales, Ontario Compared to Canada, 1971 to 1981

	Chains	Stores	Sales Ontario	Sales % of Canada
	number		$ millions	
1981	495	11,099	12,820.6	43.3
1980	466	10,300	11,244.4	42.7
1979	447	9,947	9,985.9	42.4
1978	441	9,720	9,017.7	42.7
1977	438	9,511	8,120.7	42.8
1976	439	9,444	7,372.8	42.9
1975	440	9,239	6,859.0	43.1
1974	447	8,771	5,935.3	43.4
1973	432	8,358	4,960.1	43.7
1972	435	7,606	4,427.0	43.9
1971	408	7,264	3,930.1	44.1

Source: Statistics Canada, *Retail Chain and Department Stores*, (63-210).

Notes: 1. Retail chains include grocery and combination stores, variety stores, service stations, women's clothing stores, shoe stores, drug stores and all other retail chains, such as general merchandise, alcoholic beverages, family clothing and furnishing, etc.

2. A chain organization is one operating four or more retail outlets in the same kind of business under the same legal ownership at any time during the year. Department store organizations are statistically treated with chains even though they may fail to meet all the criteria. Franchised stores are considered chains if they meet the above conditions, otherwise they are classified as independent organizations.

Table 23.11 Retail Chains, Stores and Sales by Type, Ontario Compared to Canada, 1981

	Chains	Stores	Sales Ontario	Sales % of Canada
	number		$ millions	
Grocery & Combination Stores	40	2,134	6,232.5	46.6
Variety Stores	10	218	271.6	30.9
Drug Stores	25	353	309.7	39.6
Women's Clothing Stores	48	981	405.4	39.6
Shoe Stores	40	789	244.0	37.0
Department Stores	16	293	3,630.6	35.3
Other Retail Stores	316	6,331	1,726.8	43.3
Total	495	11,099	12,820.6	43.3

Source: Statistics Canada, *Retail Chain and Department Stores*, (63-210).

Table 23.12 Vending Machine Sales by Type, Ontario and Other Regions of Canada, 1982

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
Cigarettes	38.3	7.5	47.1	42.7	135.6	28.2
Coffee	36.2	..	18.7	..	65.0	55.7
Soft Drinks	37.7	..	21.5	..	84.5	44.6
Confection and Food	37.3	..	23.2	..	78.2	47.7
Total	149.6	25.5	110.5	77.7	363.3	41.2

Source: Statistics Canada, *Vending Machine Operators*, (63-213).

Table 23.13 Alcoholic Beverage Sales, Ontario Compared to Canada, 1972/73 to 1981/82

Year	Spirits	Wines	Beer	Total Ontario	 % of Canada
		$ millions			
1981/82	936.8	351.2	894.5	2,182.5	35.1
1980/81	837.9	315.2	751.5	1,904.6	35.7
1979/80	788.5	266.0	606.6	1,661.2	35.4
1978/79	729.1	232.6	587.4	1,549.1	35.4
1977/78	705.0	191.7	534.4	1,431.1	35.6
1976/77	666.7	162.7	495.7	1,325.2	35.9
1975/76	547.2	121.4	422.2	1,090.8	36.6
1974/75	478.6	105.7	382.6	966.9	37.2
1973/74	431.5	97.7	355.0	884.1	37.8
1972/73	392.7	80.3	317.2	790.2	37.6

Source: Statistics Canada, *The Control and Sale of Alcoholic Beverages in Canada*, (63-202).

Note: Data refer to fiscal years ending March 31.

Table 23.14 Gasoline Sales, Ontario Compared to Canada, 1972 to 1982

Year	Ontario	% of Canada
	millions of litres	
1982	11,867.8	36.4
1981	12,917.6	35.0
1980	13,360.0	35.1
1979	13,311.8	34.7
1978	12,933.9	35.0
1977	12,648.7	35.4
1976	12,429.6	35.6
1975	12,581.4	36.5
1974	11,983.4	36.4
1973	11,641.6	36.8
1972	10,855.7	37.1

Source: Statistics Canada, *Road Motor Vehicles*, (53-218).

Note: Gasoline sales are gross sales for motive purposes, excluding aviation.

Table 23.15 Cigarette Sales, Ontario Compared to Canada, 1974/75 to 1978/79

Year	Ontario	% of Canada
	millions	
1978/79	22,983.9	34.3
1977/78	20,708.2	34.4
1976/77	21,706.9	35.2
1975/76	19,905.0	35.3
1974/75	22,054.3	35.1

Source: Addiction Research Foundation, *Statistics on Alcohol and Drug Use in Canada and Other Countries*.

Notes: 1. Data refer to fiscal years ending March 31.
2. The number of cigarettes sold in each province has been estimated on the basis of provincial tobacco tax revenue and the fact that cigarettes constitute substantially the whole of all shipments of manufactured tobacco products.

Table 23.16 **Wholesale Trade, Ontario and Other Regions of Canada, Selected Years, 1973 to 1981**

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1981	57,954.6	6,392.2	29,002.4	54,570.9	147,920.1	39.2
1979	42,748.0	5,158.1	25,241.3	36,486.2	109,633.7	39.0
1977	28,117.9	3,179.8	16,275.6	23,008.0	70,582.4	39.8
1975	24,147.8	2,389.9	14,365.8	18,829.5	59,733.1	40.4
1973	13,796.5	1,596.2	10,826.9	13,499.0	39,718.6	34.7

Source: Statistics Canada, *Wholesale Trade Statistics*, (63-226).

Notes: 1. Wholesale trade refers to wholesale merchants but excludes agents and brokers.
2. Volume of trade is the total of net sales and receipts plus the value of goods bought or sold on commission.

Table 23.17 **Wholesale Trade Establishments, Ontario and Other Regions of Canada, Selected Years, 1973 to 1981**

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			number			
1981	17,994	3,244	12,846	16,297	50,381	35.7
1979	10,092	1,777	7,958	7,699	27,526	36.7
1977	..	..	..	..	21,597	..
1975	7,229	1,461	5,670	5,525	19,885	36.4
1973	6,919	1,427	5,673	5,481	19,500	35.5

Source: Statistics Canada, *Wholesale Trade Statistics*, (63-226).
Merchandising Businesses Survey, (63-601).

Note: See Table 23.16, note 1.

Table 23.18 **Wholesale Trade by Industry, Ontario Compared to Canada, 1981**

	Establishments		Trade Volume	
	Ontario	% of Canada	Ontario	% of Canada
	#		$ millions	
Farm Products	353	30.8	2,717.2	14.1
Coal & Coke	33	40.7	..	..
Petroleum Products	725	26.6	13,561.9	57.3
Paper & Paper Products	219	45.9	747.3	28.1
General Merchandise	259	37.1	148.0	47.4
Food	1,350	31.5	5,710.8	26.9
Tobacco Products	50	34.7	501.6	..
Drugs & Toilet Preparations	200	37.7	703.0	42.6
Apparel & Dry Goods	343	27.2	614.0	28.1
Household Furniture & Furnishings	290	40.2	853.2	48.4
Motor Vehicles & Accessories	870	35.8	5,704.0	58.1
Electric Machinery & Supplies	1,046	43.7	3,479.7	52.6
Farm Machinery, Supplies & Equipment	850	32.1	2,173.7	38.5
Machinery & Equipment N.E.S.	3,173	39.2	6,025.0	40.5
Hardware, Plumbing & Heating Equipment	792	40.9	1,967.4	46.4
Metals & Metal Products	202	34.2	..	..
Lumber & Building Materials	1,605	30.8	3,020.7	30.2
Scrap & Waste Materials	840	42.2	516.4	44.5
Wholesalers N.E.S.	4,794	36.9	5,856.4	39.2
Total	17,994	35.7	57,954.6	39.2

Source: Statistics Canada, *Wholesale Trade Statistics*, (63-226).

Note: See Table 23.16, notes 1. and 2.

Chapter 24
Finance, Insurance, Real Estate and Business Services

Finance, Insurance, Real Estate and Business Services

Ontario offers a wide range of financial and other business service facilities, due in part to the large number of head offices of industrial and financial concerns located in the Toronto area. These industries account for roughly one-fifth of the Province's gross domestic product, and form an important part of the rapidly growing service sector, which is now responsible for almost 70% of employment in Ontario.

Finance, insurance, real estate and business services are primarily private sector industries. Governments monitor and regulate certain activities in this area to promote stable business conditions and to protect customer interests. The federal government has wide-ranging responsibilities in relation to finance. The Bank of Canada operates under federal legislation to regulate credit and currency in the national interest. All banks operating in Canada are chartered by Parliament under the terms of the federal Bank Act which regulates certain internal aspects of bank operations and the relationship of banks vis-à-vis the general public and the Bank of Canada. Other financial institutions, such as trust companies and mortgage companies, are registered with either the federal government or the provinces, while credit unions come under Provincial legislation. The federal government also administers the Canada Deposit Insurance Corporation and provides some financial services to business enterprises through the Federal Business Development Bank.

The Ontario government is involved in:

- ensuring public disclosure of real estate and other business transactions;
- registration and licensing for industries such as insurance companies, mortgage brokers and real estate brokers;
- promotion and enforcement of financial business standards;
- registration of ownership and encumbrances relating to real property and encumbrances affecting personal property;
- administration of The Motor Vehicle Accident Claims Fund which handles claims and payments for damage caused by stolen, unidentified or uninsured vehicles;
- operation of The Province of Ontario Savings Office.

The finance and insurance industries include banks, trust companies, mortgage loan companies, credit unions, consumer and business financing intermediaries, investment companies, insurance companies of all kinds, securities and mortgage dealers and security and commodity exchanges. The real estate and insurance industries include the management and leasing of real property (except for operators of hotels and other temporary lodging places and developers who are classified with construction), as well as real estate and insurance agencies. The business service industries provide services used more by the business community than by the general public. Included are employment agencies, computer services, accounting, advertising, architectural, engineering and other scientific services, legal and notarial services, and management consulting. Some data on income of self-employed professionals are covered in Chapter 7, Personal Income, Expenditure and Saving.

Sources of Data

Data on the service industries are generally less readily available than for the goods-producing industries.

For financial institutions and insurance companies, the main sources are:

- the Bank of Canada, which gathers data on the chartered banks, as well as on other facets of financial markets in Canada;
- Statistics Canada's quarterly survey of financial institutions covering trust companies, central credit unions, financial leasing corporations, real estate investment trusts, mortgage investment funds, trust companies' retirement savings funds and investment dealers;
- statistical data from administrative records of the Ontario Ministry of Consumer and Commercial Relations, Credit Unions and Co-operatives Services Branch and the Office of the Superintendent of Insurance.

Data on real estate brokers are available from the Canadian Real Estate Association which gathers information from its members. Statistics Canada undertakes some surveys of establishments in the business services industries.

The *Bank of Canada Review*, published monthly, carries information on chartered banks, and other financial institutions, capital markets and interest rates as well as some general economic and trade statistics. Statistics Canada publishes a quarterly report entitled *Financial Institutions*, (61-006), which provides balance sheets, income statements, information on retained earnings and changes in financial position and other related data for about twenty types of financial intermediary. Further information can be obtained from the Business Finance Division of Statistics Canada, telephone Ottawa, 990-9840. Much of the data in both publications is available on CANSIM.

Although a great deal of data is available for Canada as a whole, much less is available at the provincial level. The Bank of Canada publishes assets and liabilities of chartered banks allocated by province. However, a significant portion of both assets and liabilities can only be attributed to head office and international operations, with no provincial dimension possible. Similarly, the Statistics Canada series on other financial institutions can only allocate to provinces certain selected assets and liabilities. Only local credit unions provide complete information at a provincial level, since each union operates only in a single province. Limited provincial distributions are available for trust companies, mortgage loan companies, financial corporations and mortgage investment companies.

In the process of providing regulatory supervision to the insurance industry in Ontario, the Office of the Superintendent of Insurance, Ministry of Consumer and Commercial Relations, compiles a large volume of data on premiums, income, losses and other financial items. These are published in the *Annual Report of the Superintendent of Insurance*.

There is a substantial amount of information available on the real estate industry as it relates to market conditions in specific locations. However, there is not much that can be used to measure the size and scope of the industry for the Province as a whole. The Canadian Real Estate Association's *Quarterly MLS Statistical Survey* provides data on volume and value of sales, total listings, sales ratios and average prices for both residential and total transactions by province. These numbers refer to multiple listing service sales only and not to total real estate activity. Individual real estate companies maintain research facilities and publish various reports.

Although statistics on other miscellaneous business services are less readily available, Statistics Canada conducts surveys on some industries on an occasional basis. Data have been compiled on the following industries:

- engineering and scientific services;
- architects' offices;
- motor vehicle, equipment and machinery rentals;
- computer services.

With the exception of the computer services industry which is surveyed on an annual basis, most data are now somewhat out of date. For further information, contact the Merchandising and Services Division of Statistics Canada, telephone Ottawa, 990-9660.

Other sources of data on business services are various trade associations and research companies.

Finance, Insurance, Real Estate and Business Services

Charts:

24.1 Assets Allocated to Ontario, 1978 to 1982
24.2 Insurance Premiums, Ontario, 1976 to 1980

Tables:

24.1 Chartered Banks, Allocation of Assets, Ontario and Other Regions of Canada, June 30, 1983
24.2 Chartered Banks, Allocation of Liabilities, Ontario and Other Regions of Canada, June 30, 1983
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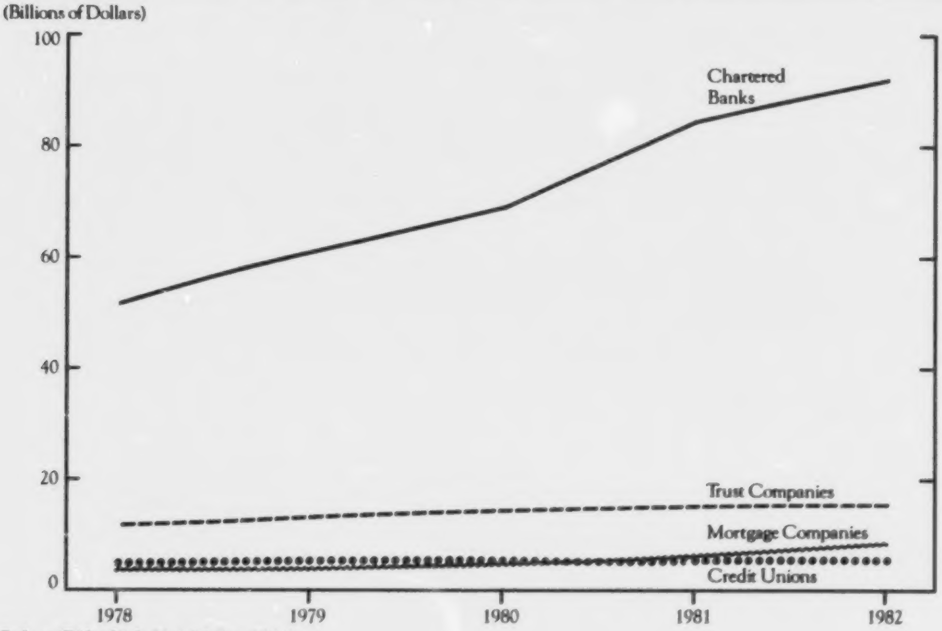
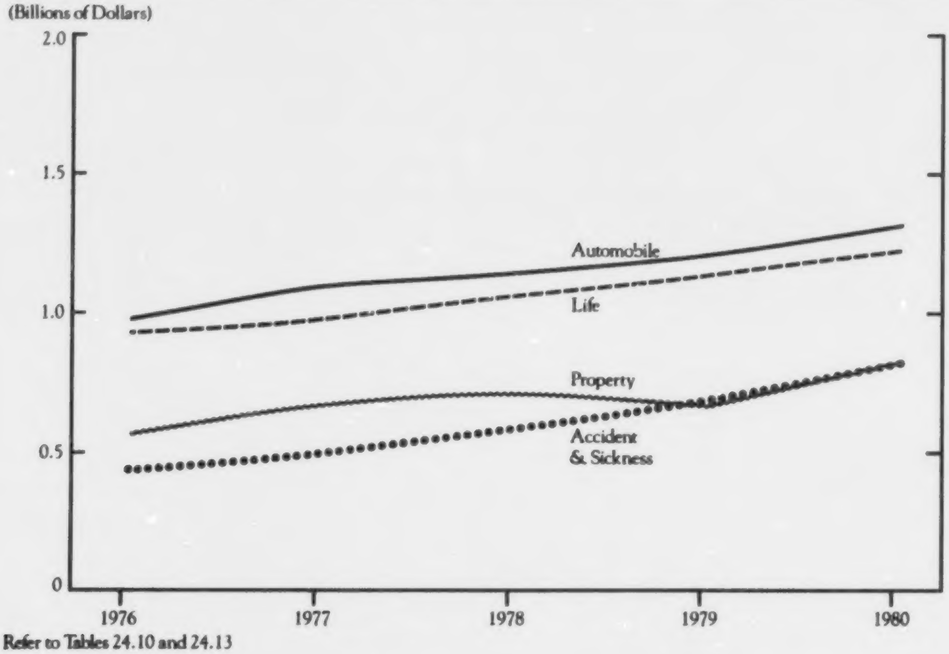
24.21 Computer Services, Operating Revenue by Source, Ontario and Other Regions of Canada, 1981
24.22 Computer Services, Operating Revenue by Class of Customer, Ontario and Other Regions of Canada, 1981

Chart 24.1 Assets Allocated to Ontario, 1978 to 1982



Refer to Tables 24.3, 24.4, 24.5 and 24.6

Chart 24.2 Insurance Premiums, Ontario, 1976 to 1980



Refer to Tables 24.10 and 24.13

Table 24.1 Chartered Banks, Allocation of Assets, Ontario and Other Regions of Canada, June 30, 1983

	Ontario	Atlantic	Quebec	West	Total	Ontario % of Total	Head Office & International	Total
			$ millions				$ millions	
Bank of Canada Deposits & Notes	2,307	303	1,024	1,745	5,379	42.9	367	5,746
Deposits With Other Banks	1,360	–	346	77	1,783	76.3	2,923	4,706
Securities:								
Government of Canada	7,132	771	2,482	4,894	15,278	46.7	458	15,736
Provincial	106	39	100	192	436	24.3	7	443
Municipal	51	14	40	17	121	42.1	–	121
Other	4,599	269	873	2,950	8,691	52.9	367	9,058
Corporations Associated with Banks	33	6	38	22	99	33.3	108	207
Day-to-day, Call & Short Loans	1,854	12	327	178	2,271	81.6	565	2,836
Loans to Provinces	7	7	97	161	272	2.6	–	272
Loans to Municipalities	150	182	773	254	1,360	11.0	–	1,360
Personal Loans:								
Personal Loan Plan	5,434	2,083	2,991	6,482	16,988	32.0	–	16,988
Credit Cards	1,458	241	613	1,247	3,558	41.0	–	3,558
Other	4,446	557	1,466	4,776	11,246	39.5	–	11,246
Total	11,338	2,881	5,070	12,503	31,792	35.7	–	31,792
Residential Mortgages	10,484	1,599	4,772	13,616	30,469	34.4	33	30,502
Non-residential Mortgages	970	56	312	1,306	2,644	36.7	1	2,645
Loans to Businesses Under Authorized Limits of: ($ million)								
Less Than 0.2	3,090	648	1,986	4,239	9,962	31.0	–	9,962
0.2 – 0.5	1,312	241	802	2,038	4,392	29.9	–	4,392
0.5 – 1.0	1,337	229	781	1,839	4,186	31.9	–	4,186
1.0 – 5.0	4,343	505	2,172	5,457	12,477	34.8	–	12,477
5.0 – 25.0	5,671	491	2,242	5,705	14,109	40.2	–	14,109
25.0 – 50.0	1,974	148	617	1,785	4,524	43.6	–	4,524
50.0 or More	4,062	620	621	9,872	15,174	26.8	–	15,174
Total	21,788	2,880	9,221	30,935	64,823	33.6	–	64,823
Agricultural Loans	2,141	131	865	6,294	9,430	22.7	–	9,430
Other Loans	3,137	301	1,116	2,700	7,255	43.2	4,019	11,274
Leasing Receivables	1,001	147	525	754	2,427	41.2	54	2,481
Foreign Currency Loans & Securities	10,804	1,002	4,277	10,586	26,668	40.5	83,479	110,147
Items in Transit (net)	1,056	80	173	672	1,982	53.3	307	2,289
All Other Assets	11,439	696	3,030	7,283	22,447	51.0	40,395	62,842
Total Assets	91,758	11,369	35,462	97,037	235,627	38.9	133,083	368,710

Source: Bank of Canada, *Bank of Canada Review*.

Note: It is likely that a large portion of Head Office & International assets could be attributed to Ontario.

Table 24.2 Chartered Banks, Allocation of Liabilities, Ontario and Other Regions of Canada, June 30, 1983

	Ontario	Atlantic	Quebec	West	Total	Ontario % of Total	Head Office & International	Total
			$ millions				$ millions	
Canadian Dollar Deposits								
Personal Savings Deposits								
Chequable:								
Daily Interest	1,036	90	283	950	2,359	43.9	–	2,359
Other	2,532	302	1,299	1,494	5,628	45.0	–	5,628
Total	3,568	394	1,582	2,444	7,988	44.7	–	7,988
Non-chequable:								
Daily Interest	4,855	484	1,931	3,691	10,960	44.3	–	10,960
Other	17,542	3,542	5,006	14,162	40,252	43.6	95	40,347
Total	22,397	4,026	6,937	17,851	51,212	43.7	95	51,307
Fixed Term	17,881	1,857	7,940	14,561	42,239	42.3	603	42,842
Total	43,846	6,277	16,459	34,856	101,437	43.2	699	102,136
Non-personal Term & Notice Deposits:								
Notice	2,557	284	1,069	1,731	5,641	45.3	135	5,776
Bearer Term	4,147	–	1,200	223	5,570	74.5	–	5,570
Other Fixed Term	14,570	959	5,903	8,017	29,450	49.5	4,518	33,968
Total	21,274	1,242	8,173	9,972	40,661	52.3	4,653	45,314
Gross Demand Deposits:								
Personal Chequing	1,547	298	524	1,899	4,270	36.2	6	4,276
Other	6,650	874	2,760	4,972	15,256	43.6	608	15,864
Total	8,197	1,172	3,284	6,872	19,525	42.0	614	20,139
Government of Canada	1,925	287	780	1,618	4,610	41.8	117	4,727
Total	75,243	8,977	28,696	53,318	166,233	45.3	6,083	172,316
Foreign Currency Deposit Liabilities:								
Demand	739	18	269	267	1,292	57.2	4,351	5,643
Notice	381	10	128	109	629	60.6	3,609	4,238
Fixed Term	10,981	801	4,599	2,854	19,234	57.1	120,568	139,802
Total	12,101	828	4,995	3,232	21,154	57.2	128,528	149,682
Acceptances	7,370	378	1,912	5,491	15,151	48.6	1,746	16,897
Debentures Issued & Outstanding	1,148	161	455	847	2,609	44.0	1,564	4,173
Appropriations for Contingencies & Shareholders' Equity	4,829	503	1,575	2,979	9,885	48.9	4,473	14,358
All Other Liabilities	2,772	207	1,265	1,992	6,235	44.5	5,047	11,282
Total Liabilities	103,463	11,052	38,897	67,858	221,269	46.8	147,441	368,710

Source: Bank of Canada, *Bank of Canada Review*.

Note: See note, Table 24.1.

Table 24.3 Chartered Banks, Assets and Liabilities, Ontario, 1975 to 1982

Year	Assets						Liabilities	
	Residential Mortgages	Personal Loans	Business Loans	Other	Total	Ontario % of Allocated Assets	Total	Ontario % of Allocated Liabilities
			$ millions				$ millions	
1982	10,030	11,688	23,753	46,209	91,680	39.2	104,586	47.2
1981	9,712	11,982	23,323	39,835	84,852	37.9	91,481	45.0
1980	6,913	10,859	19,988	30,666	68,426	39.4	74,066	45.2
1979	6,756	9,692	17,408	27,164	61,020	40.1	65,780	45.4
1978	5,887	8,592	13,314	23,629	51,422	40.0	56,204	44.7
1977	4,410	7,553	12,302	18,459	42,724	40.4	46,608	44.6
1976	3,377	6,607	11,065	14,476	35,525	39.6	38,939	43.1
1975	2,826	5,120	9,055	12,411	29,412	37.9	31,940	41.3

Source: Bank of Canada, *Bank of Canada Review*.

Notes: 1. Data are as of December 31.
2. Other Assets include Bank of Canada deposits and notes, deposits with banks, securities and other loans not specified above.
3. The regional allocation of total assets is not necessarily the same as the regional allocation of total liabilities.
4. In deriving Ontario assets and liabilities as a percentage of assets and liabilities allocated among all provinces, the Canada totals are reduced by the amount of assets and liabilities ascribed to Head Office and International operations.
5. See note, Table 24.1.

Table 24.4 Trust Companies, Selected Assets and Liabilities, Ontario and Other Regions of Canada, 1978 to 1982

Year	Selected Assets				Demand & Term Deposits
	Investments	Mortgage Loans	Personal Loans	Total	
			$ millions		
1982					
Ontario	420.8	13,352.0	1,212.0	14,984.9	24,642.6
Atlantic	43.0	1,724.6	71.6	1,839.2	2,229.3
Quebec	848.1	2,991.6	80.2	3,919.9	5,331.8
West	387.4	10,291.4	590.9	11,269.7	9,933.5
Canada	1,699.4	28,359.6	1,954.7	32,013.7	42,137.2
Ontario % of Canada	24.8	47.1	62.0	46.8	58.5
Ontario					
1981	340.2	13,343.6	1,108.8	14,792.5	22,373.0
1980	362.4	13,185.2	874.3	14,421.9	20,047.0
1979	134.4	12,378.6	586.8	13,099.8	17,714.2
1978	170.4	10,742.2	368.9	11,281.5	15,022.0

Source: Statistics Canada, *Financial Institutions, (61-006)*.

Notes: 1. Data are as of December 31.
2. At December 31, 1982, allocable assets shown in this table amounted to 68 percent of total assets for Canada, while allocable liabilities accounted for 89 percent of total liabilities and shareholders' equity for Canada.
3. The two activities of trust companies are financial intermediary (banking) and fiduciary (trust) functions. The fiduciary function is unique to trust companies and involves serving as administrators of estates, trusts and agencies.

Table 24.5 Mortgage Loan Companies, Selected Assets and Liabilities, Ontario and Other Regions of Canada, 1978 to 1982

	Selected Assets				Demand & Term Deposits
Year	Investments	Mortgage Loans	Personal Loans	Total	
			$ millions		
1982					
Ontario	54.5	7,954.5	22.5	8,031.4	7,853.4
Atlantic	1.9	1,372.9	7.6	1,382.4	1,294.9
Quebec	70.1	3,537.3	—	3,607.3	3,297.4
West	40.7	10,858.5	35.0	10,934.1	5,400.7
Canada	167.2	23,723.1	65.0	23,955.3	17,846.4
Ontario % of Canada	32.6	33.5	34.6	33.5	44.0
Ontario					
1981	34.1	5,734.5	32.0	5,800.5	5,619.6
1980	21.7	4,452.7	33.8	4,508.2	4,304.9
1979	16.6	3,666.6	29.9	3,713.2	3,024.2
1978	21.9	3,314.7	19.7	3,356.3	2,823.3

Source: Statistics Canada, *Financial Institutions*, (61-006).

Notes: 1. Data are as of December 31.

2. Mortgage loan companies include companies operating under the Loan Companies Act and corresponding Provincial Legislation and other companies which raise funds from the public for the purpose of investing in mortgages secured by real estate.

3. At December 31, 1982, allocable assets shown in this table amounted to 84 percent of total assets for Canada, and allocable liabilities amounted to 62 percent of total liabilities and shareholders' equity for Canada.

Table 24.6 Local Credit Unions: Assets, Liabilities and Members' Equities, Ontario and Other Regions of Canada, 1975 to 1982

	Assets					
Year	Cash & Demand Deposits	Investments	Non-mortgage Loans	Mortgage Loans	Fixed & Other	Total
			$ millions			
1982						
Ontario	814.0	628.2	1,578.4	1,964.2	222.6	5,207.5
Atlantic	44.3	73.1	409.7	144.0	24.7	695.7
Quebec	2,588.9	1,989.5	3,607.7	6,913.6	522.6	15,622.3
West	283.2	2,390.4	2,401.4	6,314.4	612.2	12,001.5
Canada	3,730.4	5,081.2	7,997.1	15,336.2	1,382.1	33,527.0
Ontario % of Canada	21.8	12.4	19.7	12.8	16.1	15.5
Ontario						
1981	464.7	551.4	1,660.2	1,993.4	216.7	4,886.4
1980	493.5	601.5	1,788.3	1,981.3	205.9	5,070.5
1979	330.6	510.5	1,785.3	1,904.6	179.9	4,710.8
1978	249.3	632.3	1,720.1	1,535.5	148.4	4,285.5
1977	233.2	516.0	1,436.5	1,119.6	117.7	3,422.8
1976	136.3	348.6	1,280.2	837.0	90.3	2,692.4
1975	106.9	288.6	1,097.6	653.7	74.1	2,221.0

Table 24.6 (cont'd.)

Year	Liabilities Deposits	 Other	 Total	Members' Equities	Total Liabilities & Members' Equities
			$ millions		
1982					
Ontario	4,206.9	197.2	4,404.1	803.4	5,207.5
Atlantic	390.6	33.7	424.3	271.4	695.7
Quebec	13,961.1	859.9	14,821.1	801.2	15,622.3
West	10,502.5	708.2	11,210.7	790.8	12,001.5
Canada	29,061.2	1,799.0	30,860.2	2,666.8	33,527.0
Ontario % of Canada	14.5	11.0	14.3	30.1	15.5
Ontario					
1981	3,780.7	242.0	4,022.7	863.7	4,886.4
1980	3,803.4	176.6	3,980.1	1,090.4	5,070.5
1979	3,185.4	211.0	3,396.3	1,314.5	4,710.8
1978	2,736.7	151.1	2,887.7	1,397.8	4,285.5
1977	2,091.4	91.4	2,182.8	1,240.0	3,422.8
1976	1,499.7	112.3	1,612.1	1,080.3	2,692.4
1975	1,176.7	92.9	1,269.6	951.4	2,221.0

Source: Statistics Canada, *Financial Institutions, (61-006).*

Notes: 1. Data are as of December 31.

2. Local credit unions are chartered or registered under Provincial Legislation as autonomous organizations owned and controlled by their members who share some common bond of association. Most local credit unions are affiliated with a central organization – commonly called a Central Credit Union – which acts as a banker to member local credit unions.

Table 24.7 Local Credit Unions, Revenue and Expenses, Ontario, 1975 to 1982

Year	Revenue	Expenses	Net Income Before Taxes	Income Taxes	Net Income
			$ millions		
1982					
Ontario	216.1	189.6	26.5	–	26.5
Atlantic	21.7	21.0	0.6	–	0.6
Quebec	552.6	521.9	30.7	–	30.7
West	418.6	419.2	-0.6	1.3	-1.9
Canada	1,209.0	1,151.8	57.2	1.3	55.9
Ontario % of Canada	17.9	16.5	46.3	–	47.4
Ontario					
1981	148.0	151.6	-3.7	-0.4	-3.2
1980	132.5	119.7	12.8	–	12.8
1979	128.7	118.8	9.9	-0.7	10.6
1978	115.4	89.5	25.9	0.2	25.7
1977	91.5	68.3	23.2	0.4	22.9
1976	27.6	19.0	8.6	-0.1	8.6
1975	26.2	17.7	8.5	0.1	8.3

Source: Statistics Canada, *Financial Institutions, (61-006).*

Notes: 1. Data refer to fourth quarter of each year.

2. See Table 24.6. note 2.

Table 24.8 **Financial Corporations, Selected Assets, Ontario and Other Regions of Canada, 1981 to 1982**

Year	Retail Sales Financing Consumer Goods	Personal Loans
	$ millions	
1982		
Ontario	1,328.1	326.1
Atlantic	236.7	196.0
Quebec	598.6	195.7
West	1,101.6	187.9
Canada	3,265.1	905.7
Ontario % of Canada	40.7	36.0
Ontario 1981	1,470.5	442.4

Source: Statistics Canada, *Financial Institutions*, (61-006).

Notes: 1. Data are as of December 31.

2. At December 31, 1982, the allocable assets shown in this table amounted to 15 per cent of total assets for Canadian Financial Corporations.

3. Financial Corporations are companies involved primarily in providing credit to individuals and to commercial organizations for goods and services purchased at the retail, wholesale and factory levels, for financing inventories, industrial loans and loans for general capital purposes secured by personal notes and guarantees, chattel mortgages, debentures or collateral mortgages.

Table 24.9 **Mortgage Investment Companies, Selected Assets and Liabilities, Ontario and Other Regions of Canada, September 30, 1983**

Year	Mortgage Loans			Term Deposits
	Residential	Non-residential	Total	
		$ millions		
1983				
Ontario	91.4	28.9	120.3	110.6
Atlantic	5.6	8.1	13.7	25.1
Quebec	11.1	7.0	18.1	52.6
West	185.9	53.6	239.3	29.9
Canada	294.0	97.5	391.5	218.1
Ontario % of Canada	31.1	29.6	30.7	50.7

Source: Statistics Canada, *Financial Institutions*, (61-006).

Notes: 1. Mortgage investment companies engage primarily in investments in mortgages.

2. At September 30, 1983, the allocable assets identified in this table amounted to 85 percent of total assets for Canada, while liabilities identified here accounted for 47 percent of total liabilities and shareholders' equity for Canada.

Table 24.10 Life Insurance, Direct Premiums on Business, Ontario, 1976 to 1980

Year	Assurance			Annuities				
	Individual	Group	Total	Individual	Group	Total	Total	% of Canada
				$ millions				
1980	846.4	374.2	1,220.6	642.2	844.7	1,486.9	2,707.5	48.0
1979	798.1	329.4	1,127.5	475.5	666.3	1,141.8	2,269.3	41.7
1978	743.5	311.3	1,054.8	386.2	669.0	1,055.2	2,110.1	42.7
1977	683.3	288.2	971.5	321.9	577.9	899.8	1,871.3	43.4
1976	663.2	263.5	926.6	284.1	504.4	788.5	1,715.1	43.1

Source: Ministry of Consumer and Commercial Relations, Office of the Superintendent of Insurance, *Annual Report*.

Note: The table shows premium income of all insurers licenced in the Province with the exception of mutual benefit societies and pension fund associations.

Table 24.11 Life Insurance, Disbursements to Policy Holders, Ontario, 1976 to 1980

Year	Assurance			Annuities				
	Individual	Group	Total	Individual	Group	Total	Total	% of Canada
				$ millions				
1980	632.4	307.6	940.1	334.4	455.4	789.8	1,729.9	43.4
1979	549.3	282.6	832.0	236.3	334.3	570.6	1,402.6	46.3
1978	490.4	250.7	741.1	176.4	352.3	528.8	1,269.9	44.8
1977	434.3	232.2	666.4	145.3	241.6	386.9	1,053.3	40.9
1976	412.9	226.9	639.8	122.8	203.6	326.3	966.2	43.7

Source: Ministry of Consumer and Commercial Relations, Office of the Superintendent of Insurance, *Annual Report*.

Table 24.12 Insurance Other than Life, Premiums and Losses by Class of Insurance, Ontario, 1980

	Premiums	Losses	Ratio
	$ millions		%
Automobile	1,307.8	1,043.5	79.8
Property	816.5	526.8	64.5
Accident & Sickness	810.8	737.2	90.9
Liability	148.5	107.1	72.1
Other	105.1	69.9	66.5
Total	3,188.7	2,484.5	77.9

Source: Ministry of Consumer and Commercial Relations, Office of the Superintendent of Insurance, *Annual Report*.

Notes: 1. Losses includes adjustment expenses.
2. Other includes hail, fidelity, surety, boiler and machinery, aircraft, credit, mortgage and marine insurance.

Table 24.13 Automobile, Property, Accident and Sickness, and Liability Insurance, Premiums and Losses, Ontario Compared to Canada, 1976 to 1980

	Automobile				Property			
Year	Premiums	% of Canada	Losses	% of Canada	Premiums	% of Canada	Losses	% of Canada
	$ millions		$ millions		$ millions		$ millions	
1980	1,307.8	53.3	1,043.5	52.4	816.5	38.1	526.8	35.6
1979	1,197.6	53.5	912.9	53.8	663.1	32.9	479.6	38.6
1978	1,134.8	54.7	842.2	55.8	710.0	36.9	368.8	36.5
1977	1,094.4	48.7	752.6	50.4	670.7	31.6	329.7	38.6
1976	962.4	43.7	656.2	50.2	562.5	31.3	307.6	36.8

Table 24.13 (cont'd.)

	Accident & Sickness				Liability			
Year	Premiums	% of Canada	Losses	% of Canada	Premiums	% of Canada	Losses	% of Canada
	$ millions		$ millions		$ millions		$ millions	
1980	810.8	44.7	737.2	47.1	148.5	31.6	107.1	43.3
1979	676.0	43.1	600.0	45.3	191.5	45.5	79.1	35.5
1978	576.8	43.7	475.1	45.6	150.7	38.9	105.8	38.9
1977	484.9	43.3	412.4	45.0	142.2	40.1	96.2	38.5
1976	443.4	44.1	355.6	46.6	110.8	40.5	98.9	54.6

Source: Ministry of Consumer and Commercial Relations, Office of the Superintendent of Insurance, *Annual Report*.

Notes: 1. See Table 24.12, note 1.
2. Property insurance data include insurance companies and farmers' mutuals.

Table 24.14 Multiple Listing Service Sales, Ontario and Other Regions of Canada, 1983

	Residential Sales		Total Sales	
	$ millions	#	$ millions	#
Ontario	7,173.2	94,914	8,481.2	110,559
Atlantic	432.3	7,755	482.1	9,219
Quebec	234.6	4,731	550.6	9,455
West	5,354.6	63,260	6,136.7	71,814
Canada	13,194.7	170,660	15,650.6	201,047
Ontario % of Canada	54.4	55.6	54.2	55.0

Source: Canadian Real Estate Association, *MLS Statistical Survey*.

Table 24.15 Consulting Engineering Services, Ontario and Other Regions of Canada, 1978

	Firms	Total Billings	Fee Income: Canadian Projects	Fee Income: Foreign Projects	Fee Income: Total	Total Expenses	Working Proprietors	Paid Employees	Wages & Salaries
	#			$ millions			#	#	$ millions
Ontario	552	533.3	361.3	85.9	447.2	408.6	57	13,498	278.8
Atlantic	103	40.5	..	..	36.9	32.7	6	1,276	20.7
Quebec	213	338.0	235.7	66.3	302.0	281.1	215	9,616	195.3
West	655	370.8	..	..	328.3	302.5	85	9,682	195.0
Canada	1,523	1,283.4	938.3	176.7	1,115.1	1,025.3	363	34,072	690.2
Ontario % of Canada	36.2	41.6	38.5	48.6	40.1	39.8	15.7	39.6	40.4

Source: Statistics Canada, *Engineering and Scientific Services, 1978*, (63-537).

Notes: 1. Data shown refer to firms primarily engaged in providing consulting engineering services.
2. Data for P.E.I. and the N.W.T. are excluded from Atlantic and West respectively, for financial data only. Both are included in the Canada total in all columns.

Table 24.16 Engineering and Scientific Services, Ontario, 1978

	Establishments	Working Proprietors	Paid Employees	Salaries & Wages	Operating Revenue: Total	Operating Revenue: % of Canada
		number		$ '000's		
Surveying	221	89	2,144	28,783	63,014	22.9
Laboratories	58	3	645	7,863	17,801	28.5
Other Services	147	22	1,078	15,564	37,084	29.9
Total	426	114	3,867	52,210	117,899	25.6

Source: Statistics Canada, *Engineering and Scientific Services, 1978*, (63-537).

Note: Data exclude consulting engineers and refer to establishments providing surveying, laboratory and other types of engineering and scientific services such as geological, metallurgical, draughting and design services.

Table 24.17 Architects' Firms, Ontario and Other Regions of Canada, 1977

	Establishments: Proprietorships	Establishments: Partnerships	Establishments: Incorporated Companies	Establishments: Total	Gross Fees	Expenses	Working Proprietors	Paid Employees	Wages & Salaries
			number		$ '000's		number		$ '000's
Ontario	291	151	–	442	104,764	90,471	725	2,358	43,813
Atlantic	25	8	43	76	16,677	15,481	49	449	6,820
Quebec	236	136	–	372	70,387	60,537	595	1,361	29,593
West	208	101	84	393	122,702	106,172	536	2,380	45,683
Canada	760	396	127	1,283	314,530	272,661	1,905	6,548	125,909
Ontario % of Canada	38.3	38.1	–	34.5	33.3	33.2	38.1	36.0	34.8

Source: Statistics Canada, *Offices of Architects, 1977*, (63-534).

Note: Data exclude Yukon and Northwest Territories.

Table 24.18 Rental and Leasing of Cars, Trucks and Trailers, Ontario and Other Regions of Canada, 1976

	Establishments	Working Proprietors	Paid Employees	Wages & Salaries
		number		$ '000's
Ontario	248	24	2,424	24,143
Atlantic	38	..	206	..
Quebec	119	13	1,021	10,543
West	144	..	1,412	..
Canada	549	50	5,063	50,218
Ontario % of Canada	45.2	48.0	47.9	48.1

Table 24.18 (cont'd.)

	Revenue						
	Rental & Leasing						
	Cars	Trucks	Trailers	Other	Total	Other	Total
	percent					$ '000's	
Ontario	59.6	32.6	5.8	2.0	161,368	21,431	182,799
Atlantic	..	..	..	..	..	..	..
Quebec	65.9	30.8	3.1	0.2	76,109	4,285	80,394
West	..	..	..	..	..	..	..
Canada	58.9	34.3	5.3	1.5	337,225	37,269	374,494
Ontario % of Canada	...	...	...	...	47.9	57.5	48.8

Source: Statistics Canada, *Motor Vehicle, Equipment and Machinery Rentals*, 1976, (63-533).

Notes: 1. Data refer to establishments primarily engaged in the rental and leasing of cars, trucks and trailers.
2. Other Revenue includes revenue from sales of customer supplies and rental equipment sales.

Table 24.19 Rental and Leasing of Machinery and Equipment, Ontario and Other Regions of Canada, 1976

		Revenue					
	Establishments	Rental & Leasing	Other	Total	Working Proprietors	Paid Employees	Wages & Salaries
	#		$ '000's		number		$ '000's
Ontario	230	80,531	47,296	127,827	50	3,744	39,503
Atlantic	25	11,230	1,590	12,820	5	268	2,834
Quebec	87	48,819	8,826	57,645	16	872	9,629
West	248	62,474	18,299	80,773	26	1,657	18,967
Canada	590	203,054	76,011	279,065	97	6,541	70,933
Ontario % of Canada	39.0	39.7	62.2	45.8	51.5	57.2	55.7

Source: Statistics Canada, *Motor Vehicle, Equipment and Machinery Rentals*, 1976, (63-533).

Notes: 1. Data refer to establishments primarily engaged in the rental and leasing of machinery and equipment.
2. Other Revenue includes revenue from sales of customer supplies and rental equipment sales.

Table 24.20 Computer Services, Ontario and Other Regions of Canada, 1976 to 1981

Year	Establishments	Total Operating Revenue	Revenue Generated Outside Canada	Working Proprietors	Paid Employees	Salaries & Wages	Total Operating Expenses
	#	$ '000's		number		$ '000's	
1981							
Ontario	630	643,598	43,763	59	11,326	237,934	552,866
Atlantic	46	20,605	..	3	426	8,355	18,028
Quebec	273	185,320	6,600	21	3,894	80,541	163,764
West	443	252,720	..	18	4,849	99,310	218,835
Canada	1,392	1,102,243	58,764	101	20,495	426,140	953,493
Ontario % of Canada	45.3	58.4	74.5	58.4	55.3	55.8	57.8
Ontario							
1980	491	476,758	41,704	29	9,826	178,952	431,206
1979	338	378,845	30,470	18	8,286	144,925	337,660
1978	342	312,384	14,060	30	7,440	116,772	265,622
1977	294	249,747	6,938	37	6,746	94,811	..
1976	247	188,520	6,323	29	5,599	74,353	..

Source: Statistics Canada, *Computer Service Industry, (63-222).*

Note: Data cover establishments primarily engaged in the provision of computer services, including processing services, input preparation, software and systems services, systems development and maintenance, equipment maintenance services and other computer services.

Table 24.21 Computer Services, Operating Revenue by Source, Ontario and Other Regions of Canada, 1981

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ 000's			
Processing Services	328,708	8,436	74,432	135,709	547,285	60.1
Input Preparation	23,542	922	10,130	13,710	48,304	48.7
Rental & Royalties of Software	11,734	102	8,542	7,274	27,652	42.4
Sales of Software	34,190	878	6,856	16,966	58,890	58.1
Systems Development & Maintenance	116,619	4,078	37,470	38,689	196,856	59.2
Consulting Services	34,448	456	19,513	15,706	70,123	49.1
Other Software & Systems Services	6,612	..	195	..	7,657	86.4
Other Computer Services	18,705	113	8,209	3,254	30,281	61.8
Sales of EDP Equipment	44,401	3,967	11,008	13,005	72,381	61.3
Lease or Rentals of EDP Equipment	7,710	417	4,135	2,235	14,497	53.2
Equipment Maintenance Services	8,393	634	2,576	1,643	13,246	63.4
Other Operating Revenue	8,536	..	2,254	..	15,071	56.6
Total Operating Revenue	643,598	20,605	185,320	252,720	1,102,243	58.4

Source: Statistics Canada, *Computer Service Industry, (63-222).*

Notes: 1. See note, Table 24.20.
2. Other Computer Services includes education.

Table 24.22 Computer Services, Operating Revenue by Class of Customer, Ontario and Other Regions of Canada, 1981

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ 000's			
Mining & Primary Metals	23,469	–	2,136	4,412	30,017	78.2
Gas & Oil	18,244	. .	7,465	. .	77,717	23.5
Foods & Beverages	7,782	57	1,534	1,898	11,271	69.0
Forestry, Pulp & Paper	5,493	112	3,524	6,917	16,046	34.2
Other Manufacturing	77,461	445	14,004	5,215	97,125	79.8
Banks & Other Deposit – Accepting Institutions	68,647	. .	8,376	. .	88,192	77.8
Insurance Carriers	52,426	271	14,702	19,545	86,944	60.3
Other Finance & Real Estate	11,870	163	8,060	5,338	25,431	46.7
Wholesale Trade	34,965	331	7,390	13,629	56,315	62.1
Retail Trade	48,791	. .	12,960	. .	85,784	56.9
Transportation	27,253	354	4,456	5,782	37,845	72.0
Communications & Other Utilities	18,366	564	8,032	22,330	49,292	37.3
Construction	5,098	170	2,077	7,026	14,371	35.5
Services to Business Management	41,139	1,107	24,455	25,402	92,103	44.7
Other Service Trades	19,205	106	5,274	1,875	26,460	72.6
Health Services	12,014	20	26,957	8,311	47,302	25.4
Elementary & Secondary Education	2,662	118	727	4,975	8,482	31.4
Post-Secondary Education	8,951	2,298	1,485	2,370	15,104	59.3
Municipal Governments	9,324	258	4,718	6,375	20,675	45.1
Provincial Governments	28,005	6,973	20,857	20,772	76,607	36.6
Federal Government	92,536	2,932	3,594	2,284	101,346	91.3
Non-profit Organizations	6,102	61	700	2,618	9,481	64.4
Other	23,795	. .	1,837	. .	28,333	84.0
Total	643,598	20,605	185,320	252,720	1,102,243	58.4

Source: Statistics Canada, *Computer Service Industry, (63-222)*

Notes: 1. See note, Table 24.20.
2. Services to Business Management includes services to accountants, lawyers and business consultants.
3. Other Service Trades includes hotels, restaurants, amusement and recreation.
4. Health Services includes hospitals.
5. Elementary & Secondary Education includes school boards.

Chapter 25
Accommodation and Food Services

Accommodation and Food Services

The accommodation and food services industry accounts for over 2% of Ontario's gross domestic product and employs about 200,000 people. This industry is an important part of the tourism industry, and as such, is susceptible to changes in economic conditions and in consumer spending priorities.

Both the federal and Ontario governments provide promotional, research and information services for the industry. The Provincial government provides advice to the industry on planning and development and promotes the use of Ontario facilities through domestic and international marketing.

The industry is defined to include hotels, motels, lodging and residential clubs, camping grounds, trailer parks, restaurants, caterers and taverns. This chapter is closely related to Chapter 26, Recreation, since recreational, travel and cultural activities often include the use of accommodation and food service facilities.

Sources of Data

The main sources of data are the following Statistics Canada surveys:

- Family Expenditures Survey;
- Traveller Accommodation Statistics;
- Restaurants, Caterers and Taverns Survey.

The Family Expenditures Survey provides information on average annual family expenditure on a variety of items including accommodation and food services. A detailed description of this survey can be found in Chapter 7, Personal Income, Expenditure and Saving.

The Merchandising and Services Division of Statistics Canada conducts the Traveller Accommodation Statistics survey covering hotels and motels (including tourist homes, tourist courts and cabins) and camping grounds and trailer parks (including hunting and fishing camps). This survey encompasses all businesses which provide sleeping facilities in the form of rooms, cabins, cottages, and tent or trailer spaces for guests; meals, alcoholic beverages and entertainment may or may not be offered. From 1972 to 1979, tourist homes were included in the category of tourist courts and cabins, but because of difficulties in data collection, they have been excluded from the 1980 and 1981 data. Revisions made to some of the survey results for 1975 and 1976 have not been carried out for all the available detail and have been excluded to maintain continuity. Prior to 1976, businesses reporting room receipts as less than 1% of alcohol sales, or merchandise sales greater than two thirds of room receipts, or room receipts primarily from permanent guests, were excluded from the survey; such businesses have been included since 1976. Data are published annually in *Traveller Accommodation Statistics, (63-204)*, and are available on CANSIM.

Although restaurant operations have been surveyed for some time, it was not until 1980 that a monthly survey was introduced to cover the other parts of the restaurant, caterer and tavern industry. The survey provides estimates of sales for food and alcohol-serving establishments by kind of business and tenure. Excluded by definition are eating places which are:

- an integral part of accommodation establishments;
- in military/service clubs;
- in institutions;
- establishments outside the service sector.

Preliminary results are released within six weeks of the reference month and final data are published one month later in *Restaurant, Caterer and Tavern Statistics, (63-011)*. The data are also available on CANSIM.

For further information about the traveller accommodation or food services surveys, contact the Merchandising and Services Division of Statistics Canada, telephone Ottawa, 990-9662.

Other sources of information on this industry include the following:

- the Canadian Hostelling Association, telephone Toronto, 368-1848, maintains data on the capacity and use of hostels in Canada;
- the firm of Laventhol and Horwath produces a publication entitled *Trend of Business in Hotels*;
- the Ministry of Tourism and Recreation, telephone Toronto, 965-5725, commissions a sample survey of 300 to 400 properties to produce occupancy rates by property type and property size for

Ontario and the twelve travel association regions. These monthly data are available in a quarterly publication entitled *Occupancy Monitor*;

a food franchising report will be available in 1984 from Statistics Canada's Merchandising and Services Division.

Accommodation and Food Services

Charts:

25.1 Average Annual Family Expenditures, Accommodation and Food, Ontario and Other Regions of Canada, 1978

25.2 Sources of Receipts for All Types of Accommodation, Ontario, 1972 and 1981

Tables:

25.1 Gross Domestic Product: Accommodation and Food Services Industry, Ontario, 1971 to 1981

25.2 Average Annual Family Expenditure, Accommodation and Food, Ontario and Other Regions of Canada, 1978

25.3 Traveller Accommodation Locations, Ontario and Other Regions of Canada, 1972 to 1981

25.4 Traveller Accommodation Units, Ontario and Other Regions of Canada, 1976 to 1981

25.5 Receipts of Traveller Accommodation Establishments, Ontario, 1972 to 1981

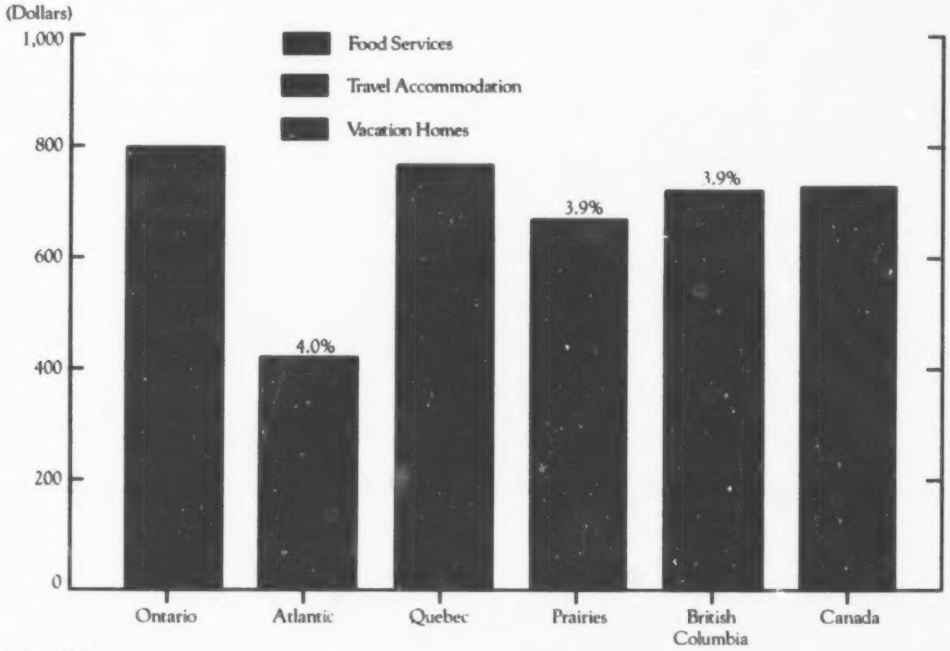
25.6 Sources of Receipts for all Types of Accommodation, Ontario and Other Regions of Canada, 1972 to 1981

25.7 Principal Statistics For Hotels, Ontario, 1972 to 1981

25.8 Sources of Receipts, Hotels, Ontario, 1972 to 1981

25.9 Total Receipts for Restaurants, Caterers and Taverns, Ontario and Other Regions of Canada, 1982

Chart 25.1 Average Annual Family Expenditures, Accommodation and Food, Ontario and Other Regions of Canada, 1978



Refer to Table 25.2

Chart 25.2 Sources of Receipts for All Types of Accommodation, Ontario, 1972 and 1981

Refer to Table 25.6

Table 25.1 Gross Domestic Product: Accommodation and Food Services Industry, Ontario, 1971 to 1981

	Hotels & Motels		Restaurants, Caterers & Taverns		Total	
Year	Value	% of Total GDP	Value	% of Total GDP	Value	% of Total GDP
	$ millions		$ millions		$ millions	
1981	774.9	0.7	1,899.5	1.7	2,807.1	2.4
1980	702.8	0.7	1,707.4	1.7	2,528.9	2.5
1979	616.6	0.7	1,508.5	1.7	2,233.5	2.5
1978	563.6	0.7	1,331.7	1.7	1,991.7	2.5
1977	508.5	0.7	1,122.0	1.5	1,719.3	2.4
1976	473.2	0.7	1,018.0	1.5	1,572.0	2.3
1975	411.1	0.7	870.4	1.5	1,353.9	2.3
1974	377.1	0.7	756.8	1.4	1,196.8	2.3
1973	320.6	0.7	628.7	1.4	1,004.2	2.2
1972	289.2	0.7	524.9	1.4	862.8	2.2
1971	264.1	0.8	476.6	1.4	784.5	2.3

Sources: CANSIM.
Statistics Canada, *Provincial Gross Domestic Product by Industry, (61-202).*
Provincial Economic Accounts, (13-213).

Notes:
1. The total accommodation and food services industry also includes (a) lodging houses and residential clubs, and (b) camping groups and trailer parks which have not been itemized here. They are included in the total.
2. The percentages are calculated using total Gross Domestic Product at factor cost.

Table 25.2 Average Annual Family Expenditure, Accommodation and Food, Ontario and Other Regions of Canada, 1978

	Ontario	Atlantic	Quebec	Prairie	British Columbia	Canada
			dollars			
Food in Eating Places	640	349	625	527	559	583
Consumed Locally or on Day Trips	507	283	518	395	403	460
Consumed While Away Overnight or Longer	133	66	107	132	156	123
Food Purchased and Prepared on Trips	18	11	11	22	26	17
Vacation/Travel Accommodation	88	44	82	94	107	86
Hotels	38	14	30	43	51	36
Motels/Tourist Homes etc.	39	22	39	40	46	38
Campgrounds/Other	11	9	13	11	10	11
Vacation Homes	51	17	46	26	28	40
Rented	14	..	10	3	..	9
Owned	37	13	36	23	..	31
Total Expenditure on Accommodation & Food	797	421	764	669	720	726
Accommodation & Food as % of Total Expenditure	4.0	2.6	4.0	3.6	3.7	3.8

Source: Statistics Canada, *Family Expenditure in Canada, (62-551).*

Note: The family or spending unit is defined as (a) a group of persons dependant on a common or pooled income for major expenditure items and living in the same dwelling, or (b) a financially independent individual living alone.

Table 25.3 Traveller Accommodation Locations, Ontario and Other Regions of Canada, 1972 to 1981

Year	Hotels	Motels	Tourist Courts, Cabins	Tent & Trailer Camp-grounds	Outfitters	Total
			number			
1981						
Ontario	1,103	1,346	1,409	1,161	660	5,679
Atlantic	250	413	179	348	57	1,247
Quebec	1,271	709	84	572	374	3,010
West	1,896	1,436	320	894	302	4,848
Canada	4,520	3,904	1,992	2,975	1,393	14,784
Ontario % of Canada	24.4	34.5	70.7	39.0	47.4	38.4
Ontario						
1980	1,147	1,362	1,424	1,194	765	5,892
1979	1,198	1,402	1,524	1,230	773	6,127
1978	1,255	1,449	1,724	1,247	742	6,417
1977	1,227	1,475	1,602	1,230	1,003	6,537
1976	1,272	1,508	1,710	1,231	1,008	6,729
1975	1,170	1,436	1,754	1,155	1,006	6,521
1974	1,166	1,450	1,803	1,112	1,001	6,532
1973	1,216	1,438	1,931	995	1,012	6,592
1972	1,260	1,505	2,192	916	1,022	6,895

Source: Statistics Canada, *Traveller Accommodation Statistics*, (63-204)

Notes:
1. The term locations refers to a physically separate place of business.
2. Tourist homes have been added to the category Tourist Courts and Cabins for 1972 to 1979. This category also includes recreation vacation camps.
3. Outfitters are generally located in remote areas where fish and game are available. They offer accommodation in lodges, cabins and/or campsites and provide such facilities and services as boat and equipment rental, supplies, provisions and guides.

Table 25.4 Traveller Accommodation Units, Ontario and Other Regions of Canada, 1976 to 1981

Year	Rooms	Cabins	Tent & Trailer Spaces	Total
		'000's		
1981				
Ontario	84.6	20.7	136.9	242.2
Atlantic	22.2	2.9	34.9	60.0
Quebec	58.8	4.9	69.8	133.5
West	115.1	7.8	83.9	206.8
Canada	280.7	36.4	325.5	642.5
Ontario % of Canada	30.1	57.0	42.1	37.7
Ontario				
1980	85.4	21.8	135.7	242.9
1979	86.1	22.5	140.4	249.0
1978	87.4	23.4	138.7	249.5
1977	87.4	24.2	143.4	255.0
1976	87.8	15.0	138.2	241.1

Source: Statistics Canada, *Traveller Accommodation Survey, Special Tabulation.*

Note: The table does not include national or provincial parks.

Table 25.5 Receipts of Traveller Accommodation Establishments, Ontario, 1972 to 1981

Year	Hotels	Motels	Tourist Courts, Cabins	Tent & Trailer Campgrounds	Outfitters	Total	
						Ontario	% of Canada
				$ millions			
1981	1,189.6	191.6	38.8	57.6	50.2	1,527.7	29.9
1980	1,067.0	146.5	30.6	52.7	49.4	1,346.2	29.7
1979	975.7	137.0	31.4	51.2	42.4	1,237.7	30.6
1978	892.6	132.1	30.7	45.4	35.8	1,136.7	31.3
1977	784.8	121.4	23.2	38.3	35.7	1,003.4	30.3
1976	723.3	113.9	22.6	32.8	32.0	924.6	30.2
1975	615.1	94.1	19.1	28.6	28.3	785.2	30.5
1974	554.6	87.0	17.1	24.7	26.0	709.4	31.2
1973	472.6	75.7	17.2	19.3	23.7	608.4	31.5
1972	417.4	74.5	17.0	14.4	22.1	545.4	31.9

Source: Statistics Canada, *Traveller Accommodation Statistics, (63-204).*

Note: See Table 25.3, notes 2 and 3.

Table 25.6 Sources of Receipts for all Types of Accommodation, Ontario and Other Regions of Canada, 1972 to 1981

Year	Rooms	Meals	Beer, Wine, Liquor	Merchandise Sales	All Other	Total
			$ millions			
1981						
Ontario	682.1	335.5	323.1	67.3	62.9	1,527.7
Atlantic	133.5	67.7	38.0	8.8	6.2	259.5
Quebec	369.5	202.4	216.5	39.2	42.2	897.9
West	825.1	459.8	790.5	190.0	86.8	2,397.0
Canada	2,010.3	1,065.4	1,368.1	305.2	202.1	5,101.8
Ontario % of Canada	33.9	31.5	23.6	22.0	31.1	29.9
Ontario						
1980	572.9	306.3	305.8	53.2	52.0	1,346.2
1979	508.2	283.1	303.4	47.0	46.9	1,237.7
1978	443.5	263.4	300.2	43.2	44.2	1,136.7
1977	383.4	235.3	269.7	31.8	42.2	1,003.4
1976	345.8	220.0	258.1	31.7	32.4	924.6
1975	302.8	183.5	215.2	23.4	27.0	785.2
1974	269.0	163.2	199.7	21.4	25.1	709.4
1973	221.1	133.0	181.3	19.3	25.6	608.4
1972	190.4	115.7	175.6	19.0	18.7	545.4

Source: Statistics Canada, *Traveller Accommodation Statistics, (63-204).*

Notes: 1. Since no breakdown of receipts by source is available for outfitters or provincial and federal campgrounds, components will not add to totals.

2. In 1981, the Atlantic figure for All Other receipts does not include Newfoundland.

3. In 1981, the West figure for All Other receipts does not include the Yukon.

Table 25.7 Principal Statistics For Hotels, Ontario, 1972 to 1981

					Paid Employees			
Year	Locations	Guest Rooms	Working Proprietors	Family Workers	Full Time	Part Time	Salaries & Wages	Total Receipts
				number				$ millions
1981	1,103	59,968	304	265	30,821	13,115	327.0	1,189.6
1980	1,147	60,299	355	278	31,063	14,632	298.6	1,067.0
1979	1,198	60,770	384	355	30,332	14,282	272.9	975.7
1978	1,255	62,415	505	397	31,965	13,449	257.3	892.6
1977	1,227	61,874	543	458	30,390	13,165	234.8	784.8
1976	1,272	62,651	..	537	30,384	12,094	226.8	723.3
1975	1,170	57,733	..	496	26,875	11,824	182.0	615.1
1974	1,166	55,278	..	498	26,463	10,193	160.7	554.6
1973	1,216	53,666	..	641	24,823	9,729	134.8	472.6
1972	1,260	51,467	..	575	24,520	9,369	127.5	417.4

Source: Statistics Canada, *Traveller Accommodation Statistics*, (63-204).

Note: For definition of Locations refer to Table 25.3, note 1.

Table 25.8 Sources of Receipts, Hotels, Ontario, 1972 to 1981

Year	Rooms	Meals	Beer, Wine, Liquor	Merchandise Sales	All Other	Total
			$ millions			
1981	523.1	294.1	307.1	20.2	45.1	1,189.6
1980	438.7	273.7	295.2	19.5	39.9	1,067.0
1979	383.9	252.8	290.7	14.0	34.4	975.7
1978	326.9	233.2	286.8	13.5	32.2	892.6
1977	282.6	204.9	256.4	10.3	30.6	784.8
1976	250.3	191.6	246.8	9.6	25.0	723.3
1975	218.9	159.9	207.3	8.3	20.6	615.1
1974	192.9	142.0	191.7	8.0	20.0	554.6
1973	153.2	115.2	175.9	7.6	20.5	472.6
1972	127.3	98.7	169.6	7.8	14.0	417.4

Source: Statistics Canada, *Traveller Accommodation Statistics*, (63-204).

Table 25.9 Total Receipts for Restaurants, Caterers and Taverns, Ontario and Other Regions of Canada, 1982

	Ontario	Atlantic	Quebec	West	Canada
			$ millions		
Kind of Business					
Restaurants, Licensed	1,906.9	158.2	890.1	1,352.4	4,307.5
Restaurants, Unlicensed	889.7	154.6	651.7	885.5	2,580.5
Take-out Food Shops	563.4	142.2	173.2	308.5	1,189.7
Caterers	331.4	72.5	158.9	252.5	819.7
Taverns	137.3	89.5	314.9	135.1	679.1
Total	3,827.7	617.0	2,188.9	2,943.0	9,576.6
Type of Ownership					
Chains	1,026.6	140.2	388.7	789.8	2,346.1
Independents	2,801.1	476.8	1,800.2	2,134.2	7,230.4

Source: Statistics Canada, *Restaurant, Caterer and Tavern Statistics*, (63-011).

Notes: 1. The Take-out Food Shops, Caterers, Taverns, Chains, and Independents breakdowns for the West do not include the Yukon and Northwest Territories. The Territories are reflected in the totals.

2. Chains are defined as organizations operating four or more locations under the same legal ownership.

Chapter 26
Recreation

Recreation

While most recreational facilities are provided by the private sector, governments are also heavily involved in recreation. The Ontario Ministry of Natural Resources administers Provincial parks and regulates recreational hunting and fishing. The Ministry of Tourism and Recreation initiates policies and programs related to recreation in support of the tourism industry in Ontario, and provides financial aid, consulting and promotional services for sports, recreation and fitness. The Ontario Ministry of Citizenship and Culture promotes participation in cultural activities. The federal government provides a wide variety of promotional, advisory and financial assistance. In addition, municipalities and conservation authorities maintain parks, and municipalities also provide recreational and sports facilities and programs.

The data in this chapter cover recreational activities including sports and fitness activities, travel, motion picture and live performances, museums and public libraries. The related topics of accommodation and food services are covered in Chapter 25, Accommodation and Food Services.

Sources of Data

The major sources of data are:

- Statistics Canada's surveys of Family Expenditures, Retail Trade, and Household Facilities and Equipment;
- Fitness Ontario surveys;
- Ontario Ministry of Natural Resources and Canadian Wildlife Service records;
- Ontario Ministry of Tourism and Recreation's Travel Survey;
- Statistics Canada's border crossing counts and survey of travellers;
- Statistics Canada's surveys of Theatres, the Performing Arts and Museums and Related Institutions;
- Ontario Ministry of Citizenship and Culture's Survey of Public Libraries.

The Family Expenditures Survey conducted by Statistics Canada, provides an indication of family expenditure on recreation, travel and culture. A detailed discussion of this source can be found in Chapter 7, Personal Income, Expenditure and Saving.

Statistics Canada's Retail Trade Survey provides estimates of sales of sporting goods and accessories stores. This monthly survey is discussed in further detail in Chapter 23, Retail and Wholesale Trade.

Statistics Canada's Household Facilities and Equipment Survey covers ownership of selected recreational equipment. Additional data and background notes can be found in Chapter 9, Household Facilities.

Fitness Ontario, a branch of the Ontario Ministry of Tourism and Recreation, monitors activity patterns in the Province each spring and fall using a sample survey of adults. This survey examines the frequency, type and sufficiency of physical activity, reasons for inactivity and exercise patterns by age and sex. The most recent results are published in a research report entitled *Physical Activity Patterns in Ontario – II*.

In 1980, Fitness Ontario commissioned a study, *Physical Activity in the Workplace*, which is currently being updated. This study examined workplace programs dealing with socio-cultural, sports, recreational and fitness activities. A total of 1,000 organizations was surveyed with regard to types of programs offered, subsidization, facilities and geographic distribution of programs. Further information on these Fitness Ontario reports can be obtained from the Sports and Fitness Branch of the Ministry of Tourism and Recreation, telephone Toronto, 965-6311.

The Ontario Ministry of Natural Resources collects data on hunting and angling permits. The Canadian Wildlife Service provides data on migratory game bird permits. Detail on licences sold by type of game is also available. These organizations can be contacted for further information at Toronto, 965-4252 and Ottawa, 997-1121, respectively.

The Parks and Recreational Areas Branch of the Ministry of Natural Resources compiles a wide range of data for parks under the Provincial Parks Act. Further information is available in the Ministry's annual publications *Ontario Provincial Parks Statistics* and *Statistics*, or from the branch, telephone Toronto, 965-1245.

The Ontario Ministry of Tourism and Recreation's Travel Survey, conducted in 1982, involved over 4,000 households keeping a travel diary for a two month period and was commissioned to assess travel by Ontario residents. The survey provides information on characteristics and expenditures of trips, within and outside the Province, of 25 miles or more (one way). The data are published in the *Ontario Travel Survey*. Further information is available from the Tourism Marketing Branch, telephone Toronto, 965-5725.

Statistics Canada develops data from counts made at the various points of entry into Canada and from questionnaires completed by travellers. The information covers resident travellers returning to Canada and non-resident travellers entering Canada, and includes methods of travel, expenditures, purpose of trip and place of residence of travellers, although not all detail is published at the provincial level. Selected items are accessible on CANSIM and published in *Travel Between Canada and Other Countries*, (66-001, quarterly and 66-201, annual). For further information, contact the Financial Flows and Multinational Enterprise Division of Statistics Canada, telephone Ottawa, 990-8932.

Based on an annual survey, Statistics Canada's Merchandising and Services Division publishes data in *Motion Picture Theatres and Film Distributors*, (63-207). The Division can be contacted at Ottawa, 990-9662.

The Performing Arts Survey is conducted by Statistics Canada's Education, Science and Culture Division on an annual basis. Professional performing arts organizations from the disciplines of theatre, music, dance and opera are surveyed to provide statistical information concerning finances, performances and audiences. The data appear in the publications *Culture Statistics, Performing Arts*, (87-610), and *Culture Communiqué*, (87-001), preliminary results.

The same division of Statistics Canada undertakes an occasional survey of museums and related institutions with regard to attendance and finances. The results are published in *Culture Statistics, Museums, Art Galleries and Related Institutions*, (87-516), and in *Culture Communiqué*, (87-001). Further information on both surveys is available from the Education, Science and Culture Division, telephone Ottawa, 593-6862.

The Ontario Ministry of Citizenship and Culture conducts an annual survey of public libraries. All library boards are required to submit information with respect to service, circulation, receipts and disbursements, and library personnel. Data back to 1883 are available from the Archives of Ontario. The results of the survey are published in a detailed report entitled *Public Library Statistics*. The Libraries and Community Information Branch can be reached at Toronto, 965-2696. Data on public libraries are also published on an occasional basis by Statistics Canada in *Culture Statistics, Public Libraries in Canada*, (87-514).

Other potential sources of information on recreation, travel and culture are as follows:

- *Fitness and Lifestyle in Canada* is a report initiated and funded by Fitness Canada. Data on activity levels, results of fitness tests, attitudes regarding fitness and popular activities are published on a national level but are available regionally;
- the Ministry of Tourism and Recreation has published a six volume study entitled *Recreation: A Changing Society's Economic Giant* on the economic and social impact of recreation in Ontario;
- every five years, the Ministry of Natural Resources publishes a *Survey of Ontario's Resident and Non-Resident Sport Fishermen*, the most recent being released in 1980. The data include such items as expenditures of fishermen and number of days fished;
- since 1971, Statistics Canada has conducted, under varying sponsorship, a number of occasional surveys with the generic title of *Canadian Travel Survey*. Comparability over time is limited because of the different concepts and methodologies used. For 1982, data were collected for all four quarters of the year, as a supplement to the Labour Force Survey. The results have been published in *Canadian Travel Survey 1982*, (87-504).

Recreation

Charts:

26.1 Average Annual Family Expenditure on Recreational, Cultural and Travel Activities, Ontario and Other Regions of Canada, 1978
26.2 Participation in Physical Activity, Ontario, November 1978 to November 1981
26.3 Travel Between Ontario and the United States, 1972 to 1982
26.4 Travel Between Ontario and Countries Other than the United States, 1972 to 1982

Tables:

26.1 Average Annual Family Expenditure on Recreational, Cultural and Travel Activities, Ontario and Other Regions of Canada, 1978
26.2 Participation in Physical Activity, Ontario, November 1978 to November 1981
26.3 Participation in Specific Physical Activities, Ontario, June 1981 and November 1981
26.4 Physical Activity Programs in the Workplace, Ontario, January to March 1980
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26.11 Ontario Residents Travelling in Ontario by Season and Main Purpose of Trip, 1982
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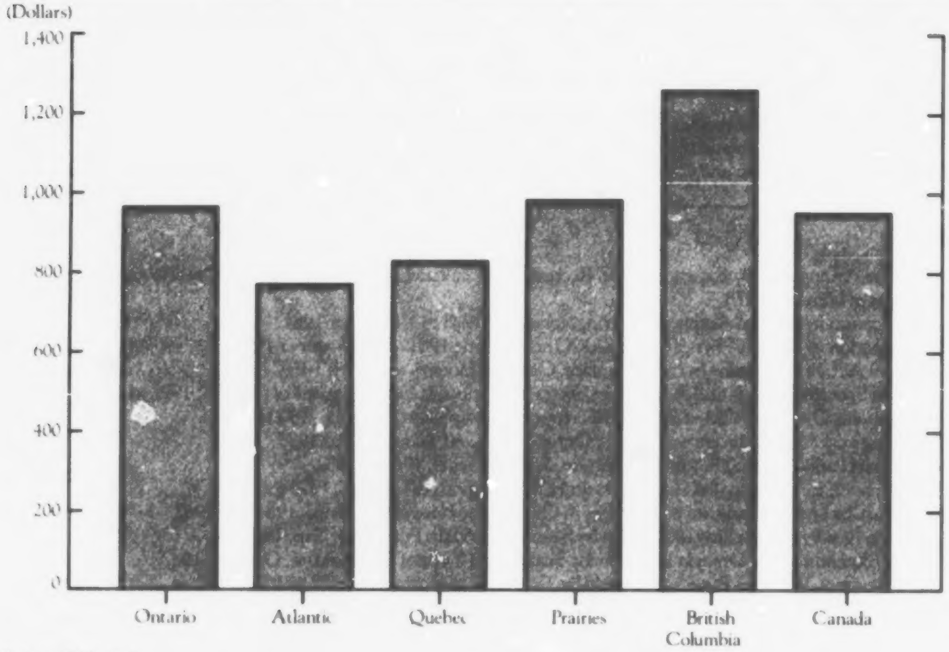
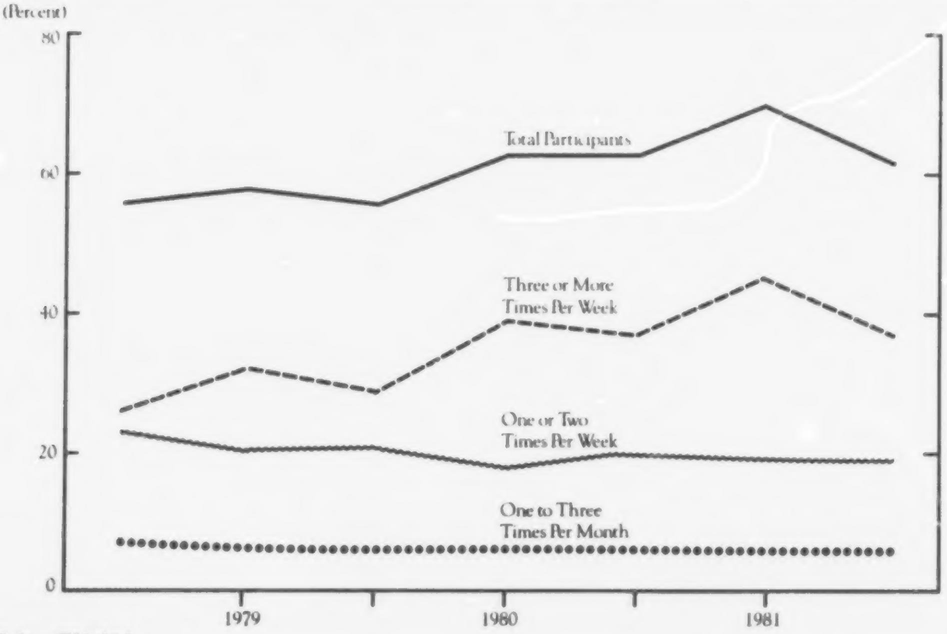
26.15 Motion Picture Theatres and Drive-ins: Admissions and Receipts, Ontario, 1972 to 1981
26.16 Performing Arts: Performances and Attendance, Ontario Compared to Canada, 1976 to 1981
26.17 Museums: Attendance and Source of Income, Ontario and Other Regions of Canada, 1979
26.18 Public Libraries, Ontario, 1971 to 1982

Chart 26.1 Average Annual Family Expenditure on Recreational, Cultural and Travel Activities, Ontario and Other Regions of Canada, 1978



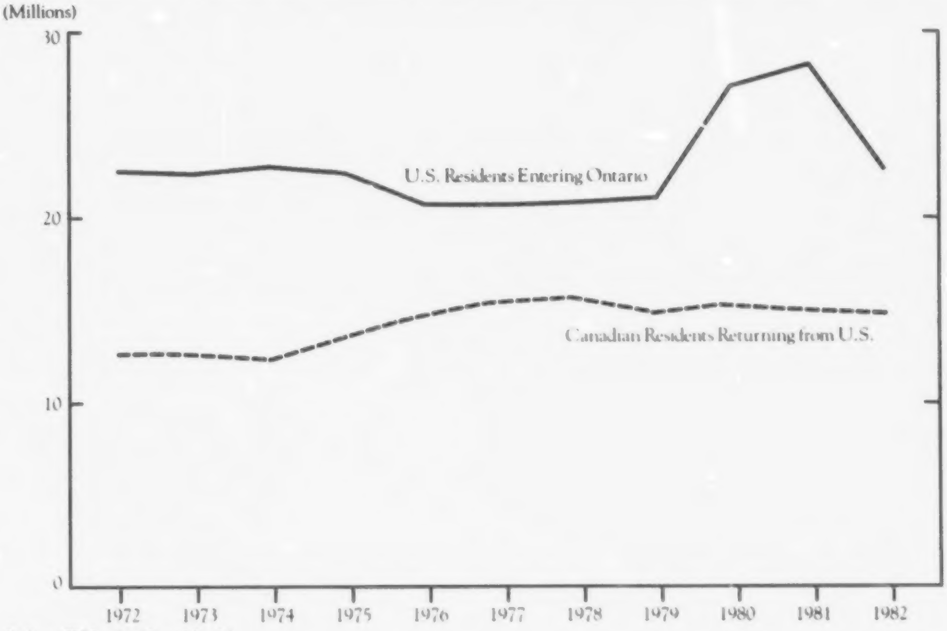
Refer to Table 26.1

Chart 26.2 Participation in Physical Activity, Ontario, November 1978 to November 1981



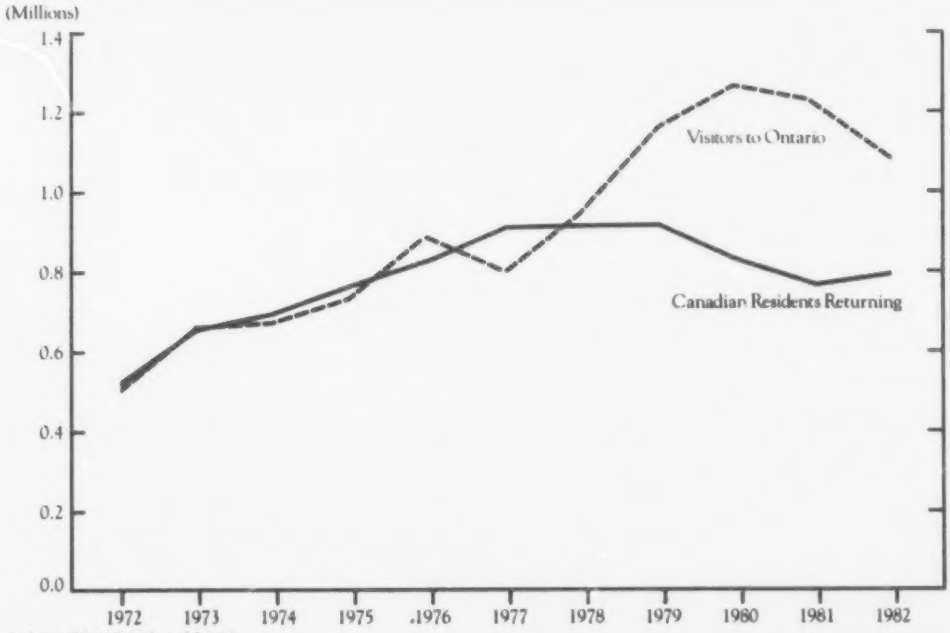
Refer to Table 26.2

Chart 26.3 Travel Between Ontario and the United States, 1972 to 1982



Refer to Tables 26.13 and 26.14

Chart 26.4 Travel Between Ontario and Countries Other than the United States, 1972 to 1982



Refer to Tables 26.13 and 26.14

Table 26.1 Average Annual Family Expenditure on Recreational, Cultural and Travel Activities, Ontario and Other Regions of Canada, 1978

	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			dollars			
Movies	35	26	31	33	30	32
Plays, Concerts, Operas, Ballets	15	5	15	12	14	14
Spectator Sports	14	9	16	19	14	15
Fairs, Museums, Zoos	17	11	10	22	17	16
Recreational Fees, Licenses & Dues	69	53	50	71	77	64
Home Recreation Equipment	168	129	143	164	180	159
Outdoor Recreation Equipment	249	285	227	316	522	289
Home Entertainment Equipment	232	183	199	207	246	217
Package Holidays & Other Travel Expenses	148	57	129	124	146	131
Other	13	9	9	15	14	12
Total Expenditure on Recreational, Cultural & Travel Activities	961	768	828	983	1,259	948
Percentage of Total Expenditure	4.8	4.8	4.4	5.3	6.4	5.0

Source: Statistics Canada, *Family Expenditure in Canada, Vol.III, All Canada: Urban Rural, 1978,* (62-551)

Notes: 1. The family or spending unit is defined as (a) a group of persons dependent on a common or pooled income for major expenditure items and living in the same dwelling or (b) a financially independent individual living alone.

2. The item other includes rental of recreational equipment not elsewhere specified and recreation activities and equipment not elsewhere specified.

Table 26.2 Participation in Physical Activity, Ontario, November 1978 to November 1981

	Frequency of Activity			
Year	Three or More Times Per Week	One or Two Times Per Week	One to Three Times Per Month	Total Participants
			percent	
November 1981	37	19	6	62
June 1981	45	19	6	70
November 1980	37	20	6	63
June 1980	39	18	6	63
November 1979	29	21	6	56
June 1979	32	20	6	58
November 1978	26	23	7	56

Source: Ministry of Tourism and Recreation, Fitness Ontario, *Physical Activity Patterns in Ontario-II.*

Note: Respondents are adults 18 years and over.

Table 26.3 Participation in Specific Physical Activities, Ontario, June 1981 and November 1981

	June 1981	Rank	November 1981	Rank
	%		%	
Walking	26	1	27	1
Swimming/Scuba	24	2	6	5
Bicycling	15	3	5	6
Calisthenics	10	4	12	2
Jogging/Running	9	5	9	3
Tennis/Badminton/Table Tennis	6	6	3	11
Golf	6	6	2	13
Baseball	6	6	—	17
Gardening	5	9	2	13
Boating/Fishing	4	10	—	17
Squash/Raquetball/Handball	3	11	5	6
Weightlifting	3	11	4	9
Dancing	2	13	4	9
Basketball/Volleyball	2	13	3	11
Soccer	2	13	—	17
Skating/Hockey	2	13	8	4
Bowling	1	17	5	6
Football/Rugby	1	17	2	13
Yoga	1	17	—	17
Curling	—	20	2	13
Other	3	...	7	...
Non-Participants	30	...	38	...
Participants	70	...	62	...

Source: Ministry of Tourism and Recreation, Fitness Ontario, *Physical Activity Patterns in Ontario - II.*

Notes: 1. For description of respondents see note, Table 26.2.

2. The figures refer to the percent of respondents participating at least once in the survey month. Totals are greater than 100% as many individuals participated in more than one activity.

Table 26.4 Physical Activity Programs in the Workplace, Ontario, January to March 1980

	Industry/ Manufacturing	Trade/ Commerce	Finance/ Public Administration	Average
			percent	
Sports and Recreation				
Team Sports	69	78	75	72
Individual Sports	16	12	42	23
Tournaments or Special Events	76	64	68	72
Outdoor Sports	9	5	28	14
Other Sports	17	9	9	13
Fitness Programs				
Jogging	21	22	57	42
Individualized	52	57	53	53
Group Programs	38	67	65	56
Exercise Breaks	10	22	22	18
Other Programs	21	0	16	16

Source: Ministry of Culture and Recreation, *Physical Activity in the Workplace.*

Notes: 1. The organizations surveyed were defined as follows: Industry/Manufacturing - organizations involved in the major fields of agriculture, forestry, fisheries, mining, construction and manufacturing; Trade/Commerce - organizations involved in the major fields of transportation, communication, public utilities, wholesale trade, and retail trade; Finance/Public Administration - organizations involved in the major fields of finance, insurance, real estate, services and public administration.

2. The figures refer to the percentage of organizations offering programs.

Table 26.5 **Sales of Sporting Goods and Accessories Stores, Ontario and Other Regions of Canada, 1972 to 1982**

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1982	372.1	44.5	388.5	484.7	1,289.9	28.8
1981	307.5	45.6	341.1	481.2	1,175.4	26.2
1980	275.2	46.1	319.4	373.9	1,014.6	27.1
1979	299.8	49.9	286.0	310.7	946.4	31.7
1978	249.4	45.0	263.9	258.2	816.4	30.5
1977	221.0	38.4	255.9	214.5	729.8	30.3
1976	216.1	31.8	230.4	212.7	691.0	31.3
1975	125.7	25.2	196.6	169.9	517.4	24.3
1974	115.0	20.6	147.3	140.9	423.8	27.1
1973	105.8	17.4	123.0	126.8	373.0	28.4
1972	98.8	16.2	110.0	114.2	339.1	29.1

Source: Statistics Canada, *Retail Trade*, (63-005).

Note: Sporting Goods and Accessories Stores include sporting goods stores, boats, outboard motors and boating accessories, bicycle and bicycle repair shops, motorcycle dealers.

Table 26.6 **Households Owning Selected Items of Recreational Equipment, Ontario, 1971 to 1982**

Year	Snow Skis	Pleasure Boats	Overnight Camping Equipment	Vacation Homes	Adult Size Bicycles	Snowmobiles	Total Households
			percent				'000's
1982	30.2	17.6	25.8	6.5	48.9	7.6	3,003
1981	..	..	..	..	..	..	2.938
1980	27.6	16.3	24.5	6.3	44.4	9.5	2,873
1979	..	..	..	..	43.6	..	2,806
1978	22.6	16.2	24.6	6.8	43.1	9.2	2,745
1977	..	..	..	..	41.8	8.9	2,673
1976	18.6	15.9	21.6	7.4	41.2	9.3	2,606
1975	..	..	..	..	35.8	9.2	2,523
1974	..	14.8	19.3	7.7	32.8	8.8	2,440
1973	..	..	..	6.9	31.1	8.9	2,354
1972	..	..	..	..	28.5	8.0	2,275
1971	..	13.9	15.9	..	..	7.5	2,208

Source: Statistics Canada, *Household Facilities and Equipment*, (64-202).

Table 26.7 Hunting and Angling Licences/Permits, Ontario, Selected Years, 1956 to 1983

Year	Game Licences	Migratory Game Bird Permits	Angling Licences
		number	
1983	. .	144,436	. .
1982	575,723	141,677	690,296
1981	568,109^r	133,242	673,334
1980	576,344^r	147,952	628,988
1979	561,505	150,224	673,925
1978	619,406	159,698	687,934
1977	589,929	156,895	660,839
1976	587,434	143,816	644,623
1975	594,308	148,670	661,750
1974	581,081	136,469	671,431
1973	586,924	141,277	701,595
1972	552,897	131,427	680,152
1971	551,861	133,563	652,335
1966	659,706	144,063	571,453
1961	544,457	. .	. .
1956	445,181	. .	. .

Sources: Ministry of Natural Resources, *Statistics*.
Canadian Wildlife Service.

Notes: 1. The data for angling licences are for non-residents only.
2. Residents of Ontario do not require licences to fish.

Table 26.8 Provincial Park Camping Summary, Ontario, Selected Years, 1966 to 1982

Year	Parks	Developed Campsites	Campers	Camper Nights	Average Length of Stay	July & August Occupancy	Average Party Size
	number				days	%	persons
1982	132	20,393	1,268.0	3,287.6	2.6	—	2.6
1981	131	20,757	1,321.5	3,283.3	2.5	—	2.6
1980	131	20,723	1,319.8	3,195.5	2.4	57	2.6
1979	128	20,723	1,355.8	3,259.8	2.4	56	2.6
1978	128	20,176	1,324.8	3,116.4	2.3	54	2.6
1977	126	20,035	1,371.0	3,571.6	2.6	58	2.5
1976	122	19,851	1,515.4	3,766.8	2.5	64	3.0
1975	121	20,332	1,621.9	3,979.5	2.5	66	2.7
1974	117	20,036	1,615.7	3,702.1	2.3	62	2.8
1973	115	20,209	1,600.8	3,547.2	2.2	58	2.8
1972	115	19,983	1,498.5	3,291.6	2.2	53	3.4
1971	113	18,941	1,618.9	3,788.5	2.3	62	3.9
1966	92	15,922	994.8	2,653.1	2.7	52	4.1

Source: Ministry of Natural Resources, *Ontario Provincial Parks Annual Statistical Report*.

Notes: 1. % occupancy =

$$\frac{\text{number of campsite nights occupancy (July \& August)}}{\text{total number of developed campsites in parks} \times 62} \times 100$$

2. The data refer to parks under the Provincial Parks Act which does not apply to parks under the management of the Niagara Parks Commission, the St. Lawrence Parks Commission or the St. Clair Parkway Commission.

Table 26.9 Participation in Vacation Travel, Ontario and Other Regions of Canada, 1976 to 1981

Year	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada
			percent			
1981	55	43	50	62	70	55
1980	62	44	45	61	68	56
1979	58	46	47	61	64	55
1978	57	44	51	59	64	55
1977	58	43	51	59	70	56
1976	60	42	48	60	66	56

Source: Canadian Government Office of Tourism, *Vacation Travel by Canadians in 1981, Volume 1, Analysis.*

Note: The figures refer to the percentage of adults taking a vacation trip.

Table 26.10 Person-trips and Expenditure of Travellers in Ontario, by Place of Residence, 1981 and 1982

Year	Ontario	Other Provinces	United States	Other Countries	Total
Person-trips			'000's		
1982	81,960	3,125	22,308	1,081	108,474
1981	86,440	3,241	28,248	1,220	119,149
Expenditure			$ millions		
1982	4,056	580	1,131	581	6,348
1981	3,860	560	1,164	559	6,143

Sources: Statistics Canada, *Travel Between Canada and Other Countries*, (66-001, 66-201).
Tourism Canada, *Canadian Travel Survey.*
Ministry of Tourism and Recreation, *Ontario Travel Survey.*
Ontario Tourism Statistical Handbook.

Note: A person trip is a trip taken by one person, singly or in a group.

Table 26.11 Ontario Residents Travelling in Ontario by Season and Main Purpose of Trip, 1982

	Visiting Friends/ Relatives	Recreation or Pleasure	Personal Business	Shopping	Business	Convention	Total
				percent			
Winter	23.2	17.7	24.4	26.5	25.1	25.1	...
Spring	23.1	21.3	23.6	19.8	29.6	29.9	...
Summer	26.3	44.3	25.3	21.6	21.0	15.6	...
Fall	27.3	16.7	26.7	32.2	24.3	29.4	...
				'000's			
Annual Person-trips	29,535	28,557	9,627	6,964	5,850	1,427	81,960
% of Person-trips	36.1	34.8	11.8	8.5	7.1	1.7	100.0

Source: Ministry of Tourism and Recreation, *Ontario Travel Survey.*

Note: For definition of person-trip see note, Table 26.10.

Table 26.12 Travel Expenditure by Ontario Residents by Season and Type of Expenditure, Ontario, 1982

	Automobile	Local Transportation	Air/Bus Train/Ship	Accommodation	Food/ Beverage	Recreation/ Pleasure	Retail/Other Miscellaneous	Total
					percent			
Winter	19.0	24.3	42.3	16.5	15.8	15.1	18.5	22.4
Spring	26.2	31.9	21.6	28.4	32.2	29.5	23.1	26.4
Summer	33.8	24.0	18.2	41.7	36.0	40.0	28.5	30.9
Fall	21.0	19.8	17.9	13.4	16.0	28.5	29.9	20.3
					$ million			
Annual Expenditure	798.6	14.0	818.6	289.3	934.5	285.1	915.7	4,055.8
% of Annual Expenditure	19.7	0.3	20.2	7.1	23.0	7.0	22.6	100.0

Source: Ministry of Tourism and Recreation, *Ontario Travel Survey.*

Note: 1. The Air/Bus/Train/Ship category refers to Canadian carriers.
2. Of the $4,055.8 million spent in Ontario by Ontarians, $859.4 was spent on travel to destinations outside the provinces.

Table 26.13 Non-Resident Travellers Entering Ontario by Type of Transportation, 1972 to 1982

Year	United States Residents				Residents of Other Countries			
	Land	Air	Water	Total	Land	Air	Water	Total
				'000's				
1982	20,749.4	820.5	737.9	22,307.9	465.8	614.6	0.2	1,080.6
1981	26,723.6	875.5	648.7	28,247.8	546.0	673.7	0.3	1,219.9
1980	25,608.8	874.4	505.6	26,988.8	604.6	658.7	0.5	1,263.8
1979	19,334.3	879.7	665.1	20,879.1	550.8	609.9	0.4	1,161.1
1978	19,122.3	767.0	743.1	20,632.5	431.7	511.2	—	942.9
1977	19,313.7	729.5	655.8	20,699.1	326.4	474.5	—	801.0
1976	19,403.9	694.6	656.2	20,754.7	390.5	494.8	—	885.3
1975	20,979.5	708.7	687.4	22,375.5	297.0	435.4	—	732.4
1974	21,214.2	778.0	793.4	22,785.7	259.8	415.0	—	674.8
1973	21,840.0	691.6	766.5	22,298.1	287.9	368.4	—	656.3
1972	21,153.0	550.6	728.9	22,432.6	251.8	251.5	—	503.3

Source: Statistics Canada, *Travel Between Canada and Other Countries, (66-001).*

Notes: 1. Residents of other countries entering Ontario by land enter via the United States.
2. The land category includes automobile, bus, rail and other methods such as pedestrian, motorcycles and bicycles.

Table 26.14 Resident Travellers Returning to Ontario from Other Countries by Type of Transportation, 1972 to 1982

Year	Returning from United States				Returning from Other Countries			
	Land	Air	Water	Total	Land	Air	Water	Total
				'000's				
1982	13,247.7	1,304.1	225.5	14,777.2	2.2	784.2	0.2	786.5
1981	13,260.4	1,411.4	218.4	14,890.1	9.5	749.9	0.1	759.5
1980	13,538.4	1,436.2	214.4	15,189.0	10.4	814.4	—	824.8
1979	13,248.3	1,382.4	240.3	14,871.1	15.1	899.7	—	914.8
1978	14,130.9	1,225.0	237.0	15,592.9	16.0	901.4	—	917.4
1977	14,036.7	1,094.3	250.6	15,381.7	19.9	885.2	—	905.1
1976	13,546.7	957.6	201.7	14,705.9	16.2	806.7	—	822.9
1975	12,445.4	825.8	204.4	13,475.6	16.0	746.9	—	763.0
1974	11,365.6	785.2	180.3	12,331.1	19.3	674.4	—	693.7
1973	11,727.4	682.8	171.5	12,581.7	17.6	635.4	—	653.0
1972	11,866.4	550.8	136.0	12,553.2	18.7	499.1	—	517.7

Source: Statistics Canada, *Travel Between Canada and Other Countries, (66-001).*

Notes: 1. Residents returning from other countries by land, return via the United States.
2. See Table 26.13, note 2.

Table 26.15 Motion Picture Theatres and Drive-ins: Admissions and Receipts, Ontario, 1972 to 1981

	Motion Picture Theatres			Drive-ins		
Year	Number	Paid Admissions	Admission Receipts	Number	Paid Admissions	Admission Receipts
		'000's	$ '000's		'000's	$ '000's
1981	301	33,595	108,884	88	4,224	15,474
1980	279	35,207	107,768	87	4,744	16,139
1979	279	34,389	95,252	90	4,677	14,895
1978	278	30,871	83,232	92	4,474	13,444
1977	274	28,194	72,872	92	4,552	12,879
1976	283	29,964	70,882	101	5,075	12,868
1975	294	31,405	69,522	98	4,805	11,682
1974	285	29,127	56,135	100	4,326	9,291
1973	292	27,668	48,493	103	4,465	8,502
1972	283	28,830	46,047	103	4,772	8,170

Source: Statistics Canada, *Motion Picture Theatres and Film Distributors*, (63-207).

Note: Admission receipts exclude taxes.

Table 26.16 Performing Arts: Performances and Attendance, Ontario Compared to Canada, 1976 to 1981

	Organizations		Performances		Attendance		
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Average Attendance
	#		#		'000's		#
Live Theatre							
1981p	44	33.1	7,742	33.7	2,295.5	37.8	297
1980	..	...	..	...	..	...	..
1979	43	37.7	7,769	38.0	2,242.4	43.1	289
1978	32	34.8	5,002	31.0	1,551.1	35.8	310
1977	32	41.0	3,548	27.9	1,408.1	35.1	397
1976	18	40.0	3,507	29.9	1,491.4	41.6	425
Music							
1981p	23	47.9	890	47.0	862.6	42.3	969
1980	..	...	..	...	..	...	..
1979	22	47.8	885	45.1	743.4	35.0	840
1978	18	52.9	1,219	63.0	755.3	49.1	620
1977	17	45.9	1,165	51.4	802.5	38.5	689
1976	..	...	..	...	..	...	..
Dance							
1981p	7	30.4	525	32.0	418.7	34.8	798
1980	..	...	..	...	..	...	..
1979	5	25.0	504	30.3	318.2	36.1	631
1978	8	38.1	834	47.4	548.9	51.5	658
1977	9	40.9	603	32.4	410.2	45.1	680
1976	..	...	..	...	..	...	..

Sources: Statistics Canada, *Culture Statistics: Performing Arts*, (87-610).
Culture Communiqué, (87-001).

Notes: 1. Live theatre does not include operas.
2. A provincial breakdown of operas is not available. The 1981 Canadian data indicate 6 organizations holding 552 performances, attended by 379 931 people.

Table 26.17 Museums: Attendance and Source of Income, Ontario and Other Regions of Canada, 1979

	Ontario	Atlantic	Quebec	Prairies	British Columbia	Canada	Ontario % of Canada
				number			
Museums	229	111	75	171	77	668	34.3
				'000's			
Average Annual Attendance	54.5	46.5	65.5	42.2	52.2	50.7	. . .
Source of Income				$ millions			
Government							
Federal	49.0	8.6	1.9	3.5	3.3	66.5	73.7
Provincial	31.0	7.2	8.8	10.7	7.4	66.0	47.0
Local	10.5	.2	7.5	5.8	2.0	26.0	40.4
Other	1.2	.8	1.0	.6	1.0	4.6	26.1
Other	19.8	2.3	5.5	5.1	3.3	36.1	54.8
Total	111.6	19.0	24.7	25.7	16.9	199.1	56.1

Source: Statistics Canada, *Culture Statistics*, (87-001).

Notes: 1. Canadian figures include the Yukon and Northwest Territories.

2. The total number of museums responding to the survey was actually 1,035 (Ontario - 354, Atlantic - 161, Quebec - 138, Prairies - 265 and British Columbia - 105). The figure 668 shown in the table refers to the institutions responding to the attendance question. The source of income data apply to the 932 institutions reporting a budget in 1979.

Table 26.18 Public Libraries, Ontario, 1971 to 1982

Year	Population Served	Libraries	Mobile Stations	Circulation	Book Stock	Professional Staff
	%	#	#	'000's	'000's	#
1982	99.5	1,633	36	62,588.9	23,720.1	1,066
1981	99.5	960	38	59,408.4	24,304.8	1,050
1980	99.4	910	36	56,917.4	23,291.1	1,028
1979	99.3	908	42	56,682.8	22,571.8	1,023
1978	99.2	896	46	54,375.2	21,280.9	987
1977	98.9	887	47	53,148.6	20,368.3	1,023
1976	98.7	886	38	53,248.8	18,570.6	983
1975	98.1	885	45	53,128.1	17,644.7	995
1974	97.6	779	59	49,641.8	16,433.9	917
1973	96.0	779	36	48,863.6	15,412.5	879
1972	94.5	815	38	47,696.6	14,565.2	827
1971	92.7	557	39	50,062.2	13,313.4	761

Sources: Ministry of Citizenship and Culture. *Public Library Statistics.*
Ontario Library Review.

Notes: 1. In 1982, the number of libraries refers to the number of service points at which library services are available. In previous years the definition encompassed main libraries and branches. Now included are deposit stations and bookmobile stops. Mobile stations are the actual vehicles.

2. Professional staff are those individuals who possess professional qualifications in librarianship and who are employed in positions which require training and skill in theoretical or scientific parts of the library's work.

GOVERNMENT

Chapter 27
Public Finance

Public Finance

This chapter presents an overall picture of the finances of the public sector in Ontario. This includes:

- the federal, Provincial and local levels of government, with their associated boards and commissions;
- government enterprises and corporations, including enterprises where government owns 50% or more in rights or shares, and where the primary role is to provide goods and services to the public;
- public institutions such as hospitals, colleges and universities.

Statistics in this chapter cover expenditure by purpose, revenue by source and debt financing, while public sector employment is presented in Chapter 28, Public Sector Employment. This chapter concentrates on the Province of Ontario and its local governments, since many of the federal financial statistics are only available at the Canada level.

The responsibilities of the federal and provincial governments are set out under The Constitution Act. The federal government is responsible for defence, foreign affairs, monetary policy and matters not exclusively assigned to provinces. The provincial governments have responsibility for all matters of a local or private nature such as health, education, property and civil rights, etc. Local governments are creations of the provinces and do not enter into this constitutional division of authority.

There are three basic forms of local government in Ontario: municipalities, school boards and local boards such as public utility commissions, transit commissions, etc. Local governments derive their authority from the Province and can do what the Province has empowered them to do. The Province, in turn, can delegate only those powers which it has under The Constitution Act. The main Provincial statutes governing the activities of local governments are the Municipal Act, the various acts setting up regional governments and Metropolitan Toronto, the Ontario Municipal Board Act, the Education Act and the Public Utilities Act.

At the end of 1982, there were 838 municipalities, 187 school boards and about 2,000 local boards in Ontario.

The Constitution Act sets out the taxing authority of the federal and provincial governments. Provinces are generally restricted to direct taxation, while there is no limitation on the federal taxing power. The federal government has come to provide financial assistance to provinces from its much greater financial resources because of increases in public demand for services provided by the provinces. Federal cash transfers under various agreements and programs provide about 15 to 20% of Ontario's revenue, the most significant program being the Federal-Provincial Fiscal Arrangements and Established Programs Financing Act, through which aid is provided for health and post-secondary education.

The main source of Provincial revenue is direct taxation on personal and corporate income, and/or consumption of goods and services. The government also raises revenue from licence fees, permits, fines and investments.

The Provincial Government does not directly provide all of the services for which it is responsible. In general, services provided directly by the Province are concentrated on resources development such as the development of industry and trade, energy, human resources, agriculture, tourism and natural environment. Many social services are provided indirectly through institutions such as hospitals, universities and community colleges, which are funded largely through transfers from the Province. Other services, such as elementary and secondary education and police protection, are funded through transfers to local governments and local taxation. About half of total Provincial expenditures are transfers to local governments and institutions.

The only form of taxation available to local governments in Ontario is property taxation, although municipalities also raise considerable revenue through licence fees, permits, fines and user fees. From these revenues and Provincial grants, municipalities and local boards provide such services as fire and police protection, social services, garbage collection and disposal, roads, and water and sewer services. School boards provide elementary and secondary education. In total, local government spending equals more than half of the total expenditure of the Provincial Government. Since a large portion of the funds spent by local government is provided by the Province, the consolidated Provincial-local government finance figures require adjustments to avoid double counting of transfers.

Debt may be incurred by all three levels of government. Local governments may incur debt only for the financing of capital projects. There are three types of public sector debt:

- funded debt, which is basically created by the issuance of bonds, notes or debentures;
- unfunded debt, which is an actuarially determined amount used to represent the Government's future obligations under pension agreements, etc;
- contingent debt, where the Government has served as guarantor of a debt and will only be responsible for repayment if the original borrower defaults.

Because governments borrow from one another, a true picture of total government debt also involves adjustments to avoid double counting in respect of intergovernmental debts.

All three levels of government, in discharging their responsibilities, have become involved in the market economy through crown corporations and enterprises. Although there are many different degrees of government involvement in these enterprises, some examples might help to clarify the type of enterprise referred to in this chapter. At the federal level, the Canada Post Corporation, the Canadian Broadcasting Corporation and Canadair Limited are government enterprises. The Province of Ontario list includes Ontario Hydro, the Ontario Energy Corporation and the Ontario Northland Transportation Commission. Municipal enterprises include municipal hydro, and gas and telephone utilities.

Sources of Data

Most of the Provincial Government data presented in this chapter are obtained from the *Ontario Public Accounts* and *Ontario Budget*.

The Public Accounts differentiates government expenditure and revenue between budgetary and non-budgetary, while the Ontario Budget has avoided the distinction since 1982. In addition, the Public Accounts treats reciprocal taxation as a federal transfer payment, while the Budget considers it as taxation revenue. In order to maintain consistency throughout the period, data obtained from the Budget are adjusted. It should also be noted that since there were tax policy changes, Ministry reorganizations, and changes in federal-provincial fiscal arrangements during the period for which data are presented, year-to-year comparisons of revenue and expenditure should be conducted with care.

Data on Provincial-local government consolidated revenues and expenditures are obtained from the Statistics Canada publication *Consolidated Government Finance*, (68-202). Much of the information on local governments is derived from *Local Government Finance in Ontario*, published by the Ministry of Municipal Affairs and Housing, and from *Education Statistics*, published by the Ministry of Education. These ministries compiled the data they published from Financial Information Returns which municipalities and school boards are required to file with these ministries. Data on Ontario's debt are mainly from *Ontario Public Accounts* and developed from administrative files in the Ministry of Treasury and Economics.

The federal government data are mainly obtained from the *Public Accounts of Canada* and the Statistics Canada publication *Federal Government Enterprise Finance*, (61-203). Data on Ontario Government enterprises are derived from *Provincial Government Finance*, (68-205).

Further information on public sector finance other than that provided in this chapter is available from Ontario and federal budgets, Statistics Canada publications on government finance and from publications of the Canadian Tax Foundation.

Public Finance

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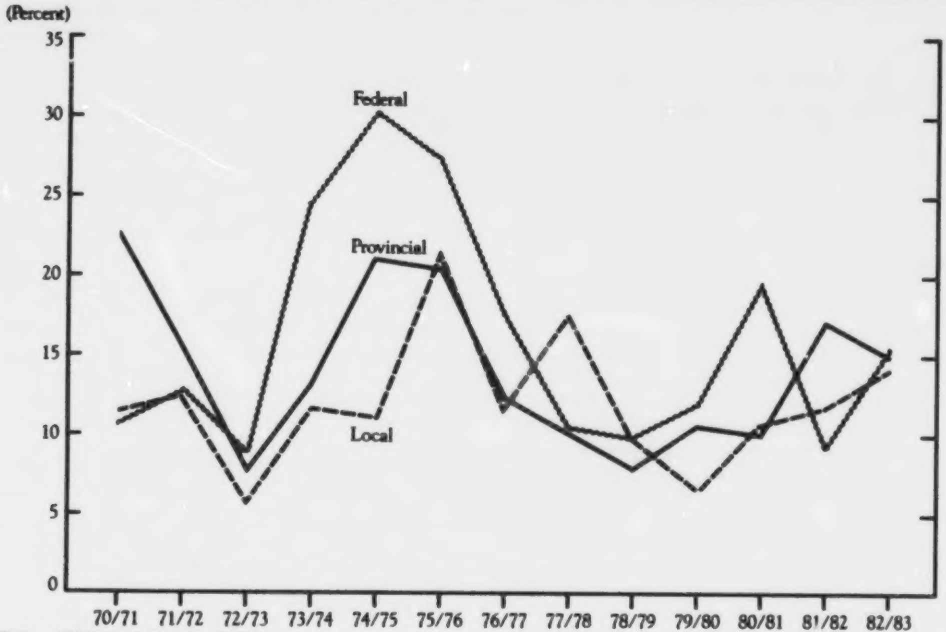
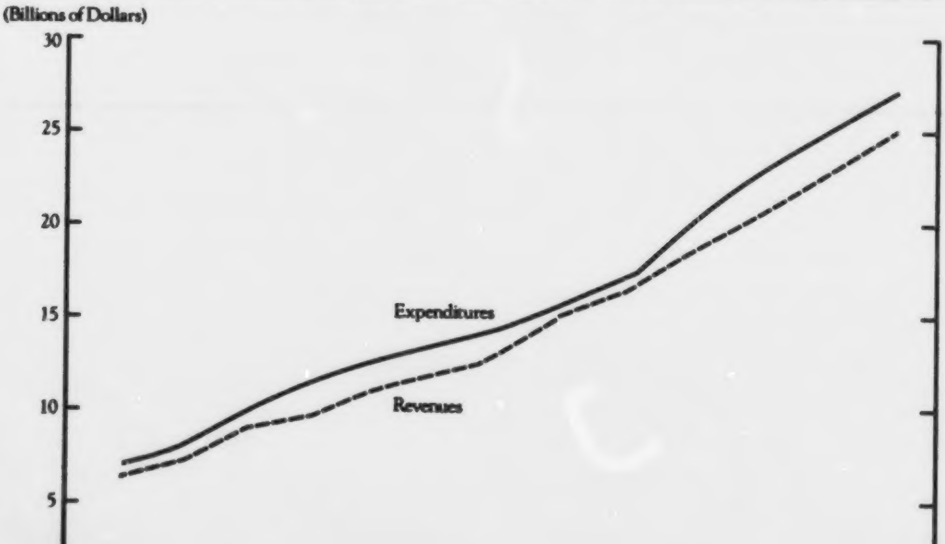
Chart 27.1 Growth in Federal, Provincial and Local Government Expenditure, Ontario, 1970/71 to 1982/83



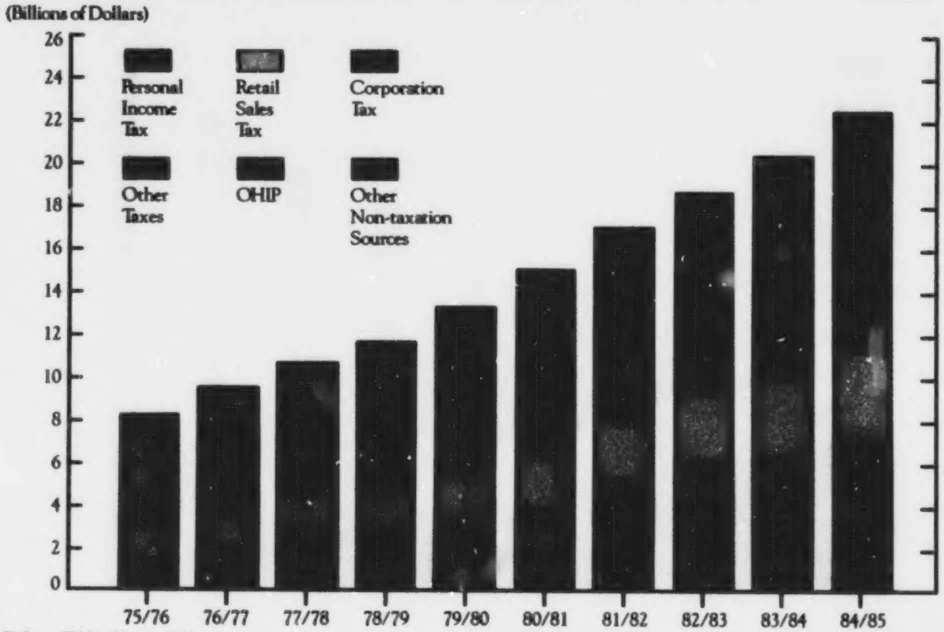
Refer to Tables 27.4, 27.15 and 27.21

Chart 27.2 Provincial Government Revenues and Expenditures, Ontario, 1972/73 to 1984/85



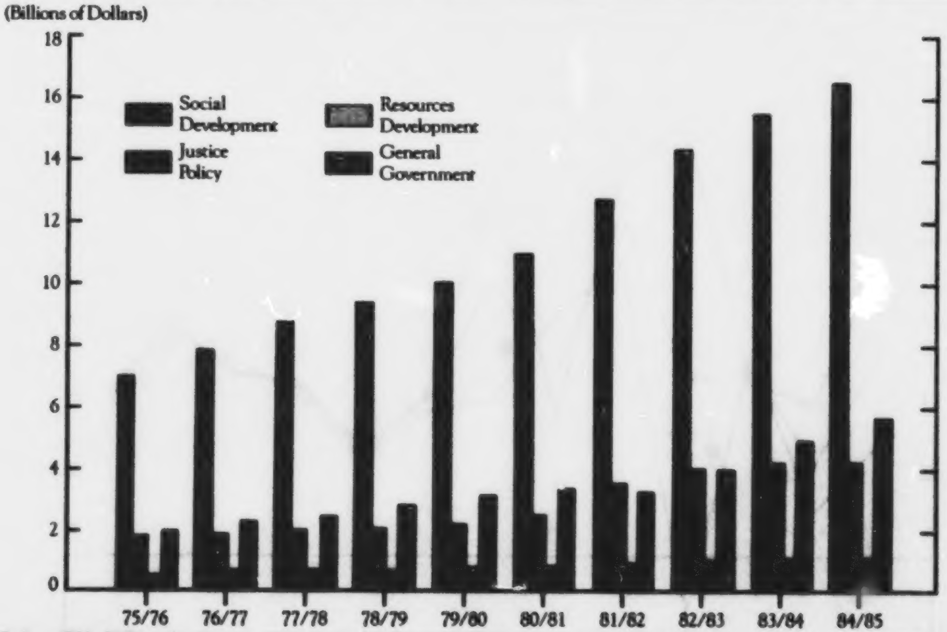
Refer to Table 27.4

Chart 27.3 Provincial Revenue by Sources, Ontario, 1975/76 to 1984/85



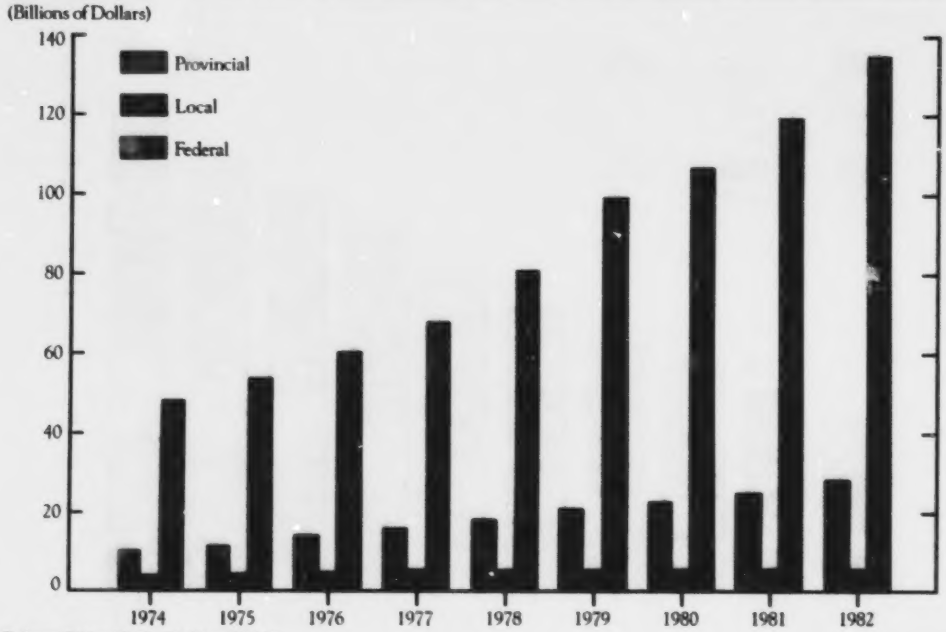
Refer to Tables 27.5 and 27.6

Chart 27.4 Provincial Government Expenditures by Policy Field, Ontario, 1975/76 to 1984/85



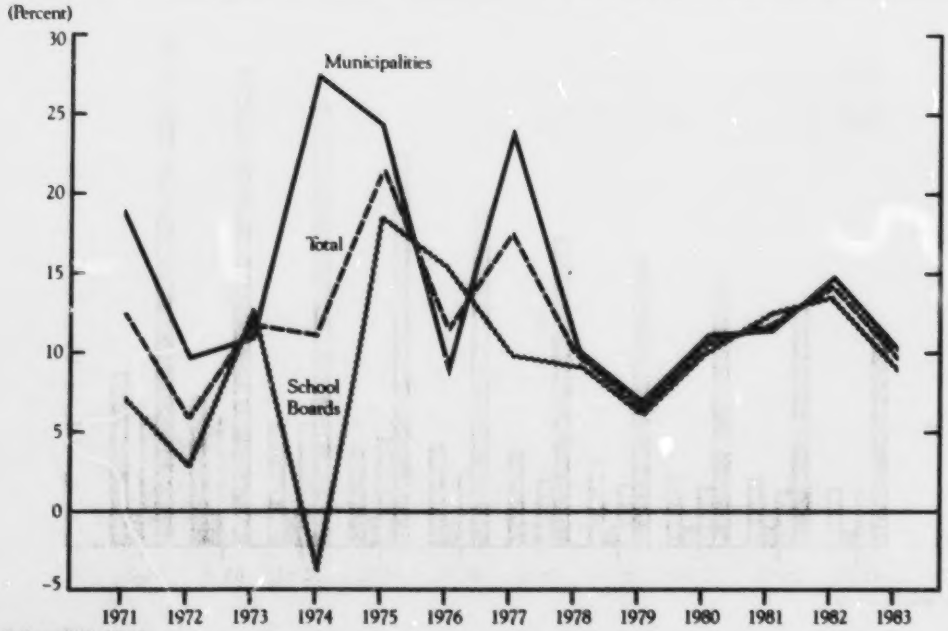
Refer to Table 27.8

Chart 27.5 Federal, Provincial and Local Government Debt Outstanding, Ontario, 1974 to 1982



Refer to Tables 27.13, 27.20 and 27.22

Chart 27.6 Growth in Local Government Expenditure, Ontario, 1971 to 1983



Refer to Table 27.15

Table 27.1 Consolidated Provincial and Local Government Revenue, Ontario, 1965/66 to 1979/80

	Taxation								
				Consumption					
Year	Personal Income	Corporation & Business	Real Property	General Sales	Other	Health Insurance Premiums	Worker's Compensation	Miscellaneous	Total
					$ millions				
1979/80	3,652.5	1,819.8	3,249.6	2,436.5	1,059.7	1,008.7	613.4	413.1	14,253.3
1978/79	3,514.7	1,471.2	2,892.9	1,735.2	935.3	977.2	570.3	447.4	12,544.2
1977/78	2,874.3	1,196.2	2,866.5	1,945.2	857.3	829.9	552.2	298.1	11,419.7
1976/77	2,200.2	1,343.5	2,472.0	1,787.3	785.7	798.7	481.2	137.5	10,006.1
1975/76	1,962.5	1,431.7	2,026.2	1,334.2	720.1	572.5	354.8	135.3	8,537.3
1974/75	1,750.8	1,129.5	1,770.2	1,568.8	707.1	548.1	283.0	141.1	7,898.6
1973/74	1,417.5	858.6	1,580.3	1,314.8	676.2	530.1	207.3	147.0	6,731.8
1972/73	1,204.8	736.2	1,553.3	895.3	606.9	519.9	169.6	113.8	5,799.7
1971/72	1,022.1	628.9	1,463.7	768.8	540.7	587.0	140.8	96.7	5,248.7
1970/71	991.8	599.3	1,389.3	683.1	509.7	615.5	135.8	98.4	5,022.9
1969/70	762.1	477.2	1,239.3	645.3	489.9	475.6	–	292.5	4,381.9
1968/69	620.5	333.0	1,106.6	493.1	520.2	257.0	–	202.9	3,533.3
1967/68	551.0	307.3	993.2	442.4	411.6	182.8	–	178.2	3,061.5
1966/67	393.8	274.5	872.9	391.6	387.3	157.3	–	122.5	2,599.9
1965/66	292.4	233.7	879.4	226.2	332.1	–	–	183.3	2,147.1

Table 27.1 (cont'd.)

	Non-taxation						Transfers		
Year	Natural Resource Revenue	Privileges, Licences & Permits	Sales of Goods & Services	Return on Investments	Other	Total	Federal	Government Enterprises	Total
					$ millions				
1979/80	204.1	547.6	1,174.0	1,646.9	377.6	3,950.2	2,822.2	114.8	21,140.6
1978/79	130.2	528.2	1,164.6	1,353.0	269.4	3,445.4	2,519.6	95.3	18,604.8
1977/78	98.3	466.5	885.0	1,241.7	255.4	2.946.9	2,341.0	82.1	16,789.8
1976/77	110.6	435.3	635.3	1,142.4	214.6	2,538.2	2,774.6	66.4	15,385.1
1975/76	127.2	406.1	543.1	961.6	211.5	2,249.5	2,213.3	56.2	13,056.1
1974/75	210.6	349.2	467.8	809.4	166.9	2,003.9	1,587.9	39.5	11,529.9
1973/74	96.6	330.3	440.7	634.6	154.0	1,656.2	1,271.3	23.0	9,682.3
1972/73	63.0	304.8	381.4	540.9	130.6	1,420.7	1,283.4	24.5	8,528.4
1971/72	55.4	254.4	272.4	509.9	127.2	1,219.3	1,155.0	21.4	7,644.5
1970/71	74.0	233.0	255.9	439.3	108.5	1,110.7	1,005.0	16.5	7,155.2
1969/70	69.3	236.0	212.3	339.6	95.1	952.3	789.7	17.7	6.141.6
1968/69	54.1	220.8	164.3	292.8	107.4	839.5	665.5	8.4	5,046.7
1967/68	49.3	169.3	152.5	208.9	97.6	677.6	551.3	13.4	4,303.8
1966/67	41.5	161.8	51.3	193.6	47.4	495.6	435.1	11.1	3,541.8
1965/66	45.7	152.0	22.5	152.4	15.7	388.3	39.9	10.6	2,586.0

Source: Statistics Canada, *Consolidated Government Finance*, (68-202).

Notes:
1. Data are for year ending March 31.
2. Other Consumption Taxation includes motive fuel taxes, tobacco taxes, etc.
3. Miscellaneous Taxation includes taxes on insurance premiums, etc.
4. Other Non-taxation includes contributions to government operated pension plans, fines, penalties, etc.
5. Transfers from Government Enterprises includes enterprises of all 3 levels of government and payments in lieu of taxes.

Table 27.2 Consolidated Provincial and Local Government Expenditure, Ontario, 1965/66 to 1979/80

Year	General Services	Protection of Persons & Property	Trans-portation & Commun-ication	Health	Social Services	Education
			$ millions			
1979/80	1,172.2	1,305.6	1,678.3	4,430.1	2,595.9	5,400.4
1978/79	1,028.7	1,186.7	1,567.4	4,132.4	2,392.1	5,081.8
1977/78	1,068.0	1,118.5	1,381.1	3,778.8	2,207.0	4,681.0
1976/77	932.7	1,073.1	1,172.2	3,482.9	2,114.2	4,236.3
1975/76	797.0	917.3	1,185.1	3,194.1	1,808.1	3,687.1
1974/75	916.9	754.0	1,112.9	2,783.3	1,419.4	3,095.4
1973/74	492.9	625.5	1,026.6	2,253.5	1,013.2	2,773.7
1972/73	406.0	556.3	901.0	2,100.5	723.1	2,684.1
1971/72	401.7	502.1	833.7	1,838.7	598.2	2,529.9
1970/71	345.3	457.7	790.0	1,616.5	513.5	2,373.0
1969/70	222.1	385.5	703.7	1,215.6	293.8	2,228.9
1968/69	237.6	351.8	660.8	943.0	285.0	1,891.5
1967/68	196.5	304.9	568.7	799.3	234.6	1,651.8
1966/67	179.7	256.6	651.4	622.5	190.4	1,271.2
1965/66	159.3	230.2	562.0	348.2	121.5	961.6

Table 27.2 (cont'd.)

Year	Resource Conservation & Industrial Development	Environment	Recreation & Culture	Regional Planning & Development	Debt Charges	Other	Total
				$ millions			
1979/80	691.1	918.5	779.8	233.9	2,017.2	369.3	21,592.3
1978/79	465.5	895.6	754.4	402.4	1,794.2	482.7	20,183.9
1977/78	464.0	833.9	710.8	166.9	1,536.6	545.3	18,491.9
1976/77	425.5	778.0	596.5	62.8	1,355.2	462.6	16,692.0
1975/76	360.5	742.4	528.9	89.4	1,156.3	508.2	14,974.4
1974/75	284.3	604.3	427.3	59.0	955.3	260.7	12,672.8
1973/74	238.4	471.0	340.8	41.7	834.4	221.4	10,333.1
1972/73	232.2	392.9	264.8	43.5	677.2	216.2	9,197.8
1971/72	186.3	269.3	235.3	42.0	590.1	380.2	8,407.5
1970/71	156.4	213.6	210.8	34.4	493.0	281.1	7,485.3
1969/70	131.8	196.7	154.6	19.4	414.4	274.3	6,240.8
1968/69	130.6	198.0	129.6	8.5	245.3	85.0	5,166.7
1967/68	107.7	191.4	115.5	9.6	266.6	34.0	4,480.6
1966/67	98.3	132.8	90.3	10.5	174.2	125.1	3,803.0
1965/66	59.7	112.1	69.0	–	164.5	69.8	2,857.9

Source: Statistics Canada, *Consolidated Government Finance*, (68-202).

Notes: 1. See Table 27.1, note 1.
2. Debt Charges includes principal repayments at the local level but at the Provincial level are interest payments only.
3. Social Services includes Workers' Compensation.
4. Other includes labour, employment, immigration, housing, research establishments and transfers to own enterprises.

Table 27.3 Consolidated Funded Debt of the Ontario Public Sector, Outstanding at March 31, 1974 to 1983

Year	Direct	Contingent	Boards, Commissions & Corporations	Local Governments & Agencies	Colleges & Universities	Hospitals & Associated Operations	Total
				$ millions			
1983	25,553.4	11,024.0	1,809.0	3,374.0	100.0	55.0	41,915.0
1982	23,122.0	9,124.0	1,835.0	3,294.0	105.0	59.0	37,540.0
1981	20,404.6	8,155.7	1,513.6	3,327.8	112.7	50.7	33,565.0
1980	18,977.6	7,519.3	1,599.0	3,169.0	92.0	55.0	31,412.0
1979	17,605.5	6,644.0	1,582.0	3,194.0	94.0	61.0	29,181.0
1978	15,265.6	6,123.9	1,458.0	3,211.0	87.0	68.0	26,214.0
1977	13,404.3	5,708.3	1,136.0	2,922.0	83.0	59.0	23,313.0
1976	12,057.8	5,039.9	..	..	..	..	21,197.0
1975	9,553.9	3,804.9	..	..	..	..	17,272.0
1974	8,390.4	3,276.0	..	2,731.3	..	70.9	15,213.0

Source: Ministry of Treasury and Economics.

Notes: 1. 1983 figures are estimates.
2. Contingent liabilities under consolidated funded debt include Ontario Hydro pre-maturity bond retirements.

Table 27.4 Provincial Government Revenues, Expenditures and Net Cash Requirements, Ontario, 1965/66 to 1984/85

	Budgetary			Non-budgetary			
Year	Revenue	Expenditure	Deficit (–) or Surplus	Receipts & Credits	Disbursements & Charges	Deficit (–) or Surplus	Net Cash Requirements
				$ millions			
1984/85	23,476.0	26,359.0	– 2,883.0	1,286.0	442.0	844.0	2,039.0
1983/84	21,304.0	24,562.0	– 3,258.0	1,293.0	385.0	908.0	2,350.0
1982/83	19,322.3	22,509.2	– 3,186.9	1,111.3	402.8	708.5	2,478.4
1981/82	17,883.8	19,650.8	– 1,767.0	1,001.4	737.6	263.8	1,503.2
1980/81	15,548.7	16,835.8	– 1,287.2	921.3	436.7	484.6	802.5
1979/80	14,213.9	15,345.9	– 1,132.0	1,031.8	483.9	547.9	584.1
1978/79	12,321.5	13,912.5	– 1,591.0	911.4	500.7	410.6	1,180.3
1977/78	11,098.9	12,920.2	– 1,821.3	683.4	623.9	59.5	1,761.8
1976/77	10,514.3	11,743.0	– 1,228.7	633.7	723.8	– 90.1	1,318.9
1975/76	9,009.9	10,489.8	– 1,479.9	510.5	829.4	– 318.9	1,798.8
1974/75	8,177.4	8,724.0	– 546.6	677.4	1,107.9	– 430.5	977.1
1973/74	6,843.4	7,223.0	– 379.5	333.2	662.0	– 328.8	708.2
1972/73	6,045.7	6,411.5	– 365.8	248.4	626.4	– 378.0	743.8
1971/72	5,340.0	5,964.6	– 624.6	275.0	670.9	– 395.9	1,020.5
1970/71	5,023.5	5,159.5	– 136.0	201.8	635.4	– 433.6	569.6
1969/70	4,359.6	4,210.1	149.5	184.5	581.4	– 396.9	247.4
1968/69	3,501.8	3,594.8	– 93.0	136.4	511.4	– 375.0	468.0
1967/68	2,866.0	2,984.8	– 118.8	127.9	476.1	– 348.2	467.0
1966/67	2,413.0	2,403.2	9.8	104.9	417.3	– 312.4	302.6
1965/66	1,944.1	1,947.9	– 3.8	85.1	241.6	– 156.5	160.3

Sources: Ministry of Treasury and Economics, *Public Accounts, Ontario.*
Ontario Budget 1984.

Notes: 1. See Table 27.1, note 1.
2. Budgetary Expenditure includes 128.1 and 82.0 million dollars for the Economic Development Fund in 1979/80 and 1980/81 fiscal years respectively.
3. Excludes Ontario Municipal Employees Retirement Fund interim deposits and Ontario Hydro Transactions.
4. 1983/84 figures are interim and 1984/85 figures are estimates.

Table 27.5 **Provincial Government Budgetary Revenue from Taxation, Ontario, 1965/66 to 1984/85**

Year	Personal Income	Retail Sales	Corp-oration	Motor Vehicle Fuel & Gasoline	Tobacco	Other	Total
				$ millions			
1984/85	6,952.0	4,239.0	1,942.0	1,204.0	583.0	273.0	15,193.0
1983/84	5,994.0	3,875.0	1,583.0	1,144.0	542.0	224.0	13,362.0
1982/83	5,857.6	3,420.1	1,360.6	1,031.9	447.6	193.8	12,311.6
1981/82	4,927.7	2,852.9	1,769.3	930.8	344.8	262.7	11,088.2
1980/81	3,578.2	2,562.3	1,791.9	750.3	283.6	430.9	9,397.2
1979/80	3,183.5	2,414.1	1,615.6	737.9	273.5	297.0	8,521.6
1978/79	2,735.2	1,716.9	1,278.2	633.1	258.5	284.1	6,906.2
1977/78	2,446.7	1,926.5	1,013.5	607.9	206.0	429.4	6,630.4
1976/77	1,782.2	1,775.1	1,001.7	686.1	157.3	603.6	6,006.0
1975/76	1,571.2	1,327.6	1,140.0	578.0	104.1	484.3	5,205.2
1974/75	1,445.5	1,568.8	891.9	571.7	101.5	373.9	4,953.3
1973/74	1,235.8	1,314.8	636.6	547.2	100.3	232.3	4,067.0
1972/73	1,204.9	895.3	526.8	486.7	96.1	203.9	3,413.7
1971/72	1,022.1	758.7	432.9	435.9	79.5	172.0	2,901.1
1970/71	991.8	674.2	414.1	409.1	75.3	189.3	2,753.8
1969/70	762.1	638.1	477.2	391.8	71.7	181.6	2,522.5
1968/69	620.5	496.0	332.9	363.6	54.2	160.2	2,027.4
1967/68	551.0	445.0	302.3	304.7	19.0	135.0	1,757.0
1966/67	393.8	393.7	274.5	284.6	18.6	121.7	1,486.9
1965/66	292.4	227.8	252.3	251.5	2.0	119.3	1,145.3

Sources: Ministry of Treasury and Economics, *Public Accounts, Ontario.*
Ontario Budget 1984.

Notes:
1. See Table 27.1, note 1.
2. See Table 27.4, note 4.
3. Personal Income taxes are collected for the Province by the federal government; amounts shown are net of Ontario Tax Credits and fees charged for their administration.
4. Retail Sales taxes include hospital taxes prior to 1969 when they were integrated.
5. Other includes mining profit tax, land transfer tax, race tracks tax, etc., but excludes reciprocal taxation from federal government which is considered as a transfer in *Public Accounts, Ontario.*
6. The revenues shown are those raised under the authority of each of the tax Acts. Some items are taxed under more than one Act, e.g. tobacco products are taxed under The Tobacco Tax Act and The Retail Sales Tax Act.

Table 27.6 **Provincial Government Budgetary Revenue from Non-Taxation Sources, Ontario, 1965/66 to 1984/85**

Year	OHIP Premiums	LCBO Profits & LLBO Fees	Vehicle/ Driver Licence & Permit Fees	Other Fees, Licences, Profits, Fines, etc.	Interest on Investments	Federal Transfers	Total
				$ millions			
1984/85	1,597.0	805.0	376.0	808.0	440.0	4,257.0	8,283.0
1983/84	1,476.0	756.0	337.0	757.0	455.0	4,161.0	7,942.0
1982/83	1,382.5	743.0	327.5	664.9	548.1	3,344.7	7,010.7
1981/82	1,198.1	671.9	338.2	656.9	622.5	3,308.0	6,795.6
1980/81	1,078.5	558.6	342.4	607.0	539.9	3,025.1	6,151.5
1979/80	1,049.5	522.8	337.7	534.8	490.0	2,757.5	5,692.3
1978/79	989.0	468.5	329.8	412.7	427.4	2,787.9	5,415.3
1977/78	841.8	420.4	295.3	410.2	438.5	2,062.3	4,468.5
1976/77	811.0	386.5	248.9	381.1	445.0	2,235.8	4,508.3
1975/76	581.9	336.5	248.4	317.7	390.6	1,929.6	3,804.7
1974/75	555.8	301.7	211.0	281.2	357.5	1,516.9	3,224.1
1973/74	537.6	280.5	195.2	205.3	291.1	1,266.7	2,776.4
1972/73	527.3	253.7	190.3	189.8	224.7	1,246.2	2,632.0
1971/72	586.5	219.7	159.6	145.3	228.6	1,099.2	2,438.9
1970/71	626.5	193.2	151.4	140.1	192.3	966.2	2,269.7
1969/70	486.8	178.7	144.8	136.6	147.7	742.5	1,837.1
1968/69	320.2	192.6	132.5	126.3	95.3	607.5	1,474.4
1967/68	185.3	149.1	104.3	95.0	68.0	507.3	1,109.0
1966/67	173.7	133.7	98.0	84.5	45.3	390.9	926.1
1965/66	158.4	125.2	94.4	78.3	25.9	316.7	798.8

Sources: Ministry of Treasury and Economics, *Public Accounts, Ontario.*
Ontario Budget 1984.

Notes:
1. See Table 27.1, note 1.
2. See Table 27.4, note 4.
3. OHIP Premiums includes maintenance payments by individuals to Homes for Special Care and Psychiatric Hospitals.
4. Other Fees, Licences, Profits, Fines, etc. includes profits from the Ontario Lottery Corporation, timber and water power royalties, etc.

Table 27.7 Provincial Government Revenue from Federal Transfers, by Program, Ontario, 1964/65 to 1984/85

Year	Established Programs Financing	Canada Assistance Plan	National Training	Bilingualism Development	Regional & Economic Expansion	Other	Total
				$ millions			
1984/85	2,545.0	909.0	156.0	45.0	28.0	574.0	4,257.0
1983/84	2,548.0	845.0	157.0	44.0	18.0	549.0	4,161.0
1982/83	1,893.5	773.8	152.0	39.1	20.0	466.3	3,344.7
1981/82	2,043.9	630.2	124.1	39.8	18.1	451.9	3,308.0
1980/81	1,934.2	547.8	114.3	35.1	9.0	384.7	3,025.1
1979/80	1,817.4	472.5	93.0	5.1	6.5	363.0	2,757.5
1978/79	1,605.0	410.1	104.6	51.0	5.8	611.4	2,787.9
1977/78	1,232.6	415.7	76.1	32.3	13.1	292.5	2,062.3
1976/77	1,576.9	471.7	79.7	38.2	7.8	61.5	2,235.8
1975/76	1,303.8	443.9	71.4	30.3	13.9	66.3	1,929.6
1974/75	1,069.7	300.0	60.3	27.5	5.9	53.5	1,516.9
1973/74	930.2	207.3	66.8	21.2	...	41.2	1,266.7
1972/73	892.2	210.5	65.9	18.3	...	59.3	1,246.2
1971/72	782.5	211.2	42.9	16.7	...	45.9	1,099.2
1970/71	682.0	175.5	43.7	11.5	...	53.4	966.1
1969/70	488.1	132.3	58.5	0.1	...	63.5	742.5
1968/69	396.6	117.7	25.9	...	...	67.3	607.5
1967/68	250.8	107.7	42.9	...	...	105.9	507.3
1966/67	193.1	...	40.0	...	...	157.8	390.9
1965/66	169.4	...	22.1	...	...	125.2	316.7
1964/65	151.0	...	10.5	...	...	99.9	261.4

Sources: Ministry of Treasury and Economics, *Public Accounts, Ontario.*
Ontario Budget 1984.

Notes:
1. See Table 27.1, note 1.
2. See Table 27.4, note 4.
3. In 1977 Established Program Financing replaced contributions under Hospital Insurance and Diagnostic Services, Medical Care and Post-secondary Education Financing programs.
4. The National Training transfers replaced the Adult Occupational Training Agreement in September 1982.
5. Other includes transfers for extended health care services, crop insurance, community service projects, reciprocal taxation, etc.

Table 27.8 Provincial Government Budgetary Expenditure by Ministry, Ontario, 1971/72 to 1984/85

	Social Development Policy Field						
Year	Health	Education	Community & Social Services	Colleges & Universities	Citizenship & Culture	Social Development Policy	Total
				$ millions			
1984/85	8,245.0	3,223.0	2,540.0	2,103.0	172.0	12.0	16,295.0
1983/84	7,584.0	3,089.0	2,403.0	2,014.0	175.0	10.0	15,275.0
1982/83	6,733.1	3,160.6	2,122.7	1,883.4	215.5	5.5	14,120.6
1981/82	5,776.1	3,044.9	1,770.4	1,669.3	226.7	4.3	12,491.7
1980/81	4,858.1	2,604.1	1,528.5	1,541.9	203.8	2.8	10,739.1
1979/80	4,269.4	2,563.4	1,341.5	1,446.2	201.6	2.5	9,824.5
1978/79	3,958.1	2,390.9	1,225.7	1,370.9	207.0	2.2	9,154.8
1977/78	3,644.1	2,342.4	1,116.0	1,257.9	191.5	2.1	8,553.9
1976/77	3,401.5	1,984.2	947.1	1,157.6	144.0	2.0	7,636.4
1975/76	2,986.6	1,775.7	881.5	1,019.1	108.9	1.5	6,773.2
1974/75	2,535.8	1,598.2	683.8	931.2	0.2	0.9	5,750.1
1973/74	2,161.0	1,410.3	464.5	808.8	..	0.5	4,845.1
1972/73	2,001.6	1,316.2	420.3	708.8	..	..	4,446.9
1971/72	990.7	1,224.7	383.8	582.9	16.9	..	3,199.1

Table 27.8 (cont'd.)

Year	Resources Development Policy Field					
	Transportation & Communications	Municipal Affairs & Housing	Natural Resources	Environment	Agriculture & Food	Tourism & Recreation
			$ millions			
1984/85	1,539.0	1,036.0	423.0	312.0	335.0	138.0
1983/84	1,542.0	1,011.0	407.0	331.0	288.0	152.0
1982/83	1,445.5	1,023.9	374.3	267.3	282.2	90.3
1981/82	1,322.7	995.3	363.3	242.2	273.0	..
1980/81	1,212.3	248.0	349.5	182.1	179.6	..
1979/80	1,138.4	196.0	279.8	135.0	158.4	..
1978/79	1,068.4	167.1	246.4	122.1	173.5	..
1977/78	1,034.9	171.8	242.2	113.5	169.8	..
1976/77	966.0	157.2	239.4	98.8	165.6	..
1975/76	964.2	191.7	208.0	83.0	151.8	..
1974/75	811.7	70.4	190.5	57.7	112.7	..
1973/74	684.4	33.3	158.6	45.1	104.7	..
1972/73	597.6	..	138.8	37.2	96.5	..
1971/72	598.6	325.8	105.4	40.4	95.4	15.2

Table 27.8 (cont'd.)

Year	Resources Development Policy Field (cont'd.)				
	Industry & Trade	Energy	Labour	Resources Development Policy	Total
			$ millions		
1984/85	106.0	116.0	74.0	4.0	4,083.0
1983/84	103.0	119.0	75.0	3.0	4,031.0
1982/83	148.9	101.5	66.9	3.0	3,803.9
1981/82	89.1	41.1	58.5	2.8	3,387.8
1980/81	81.2	25.8	51.2	2.5	2,332.2
1979/80	68.3	11.3	41.1	3.2	2,031.5
1978/79	59.5	9.4	34.3	3.1	1,883.8
1977/78	53.4	7.4	29.3	3.2	1,825.5
1976/77	56.2	3.7	20.5	3.0	1,710.5
1975/76	50.2	3.5	16.6	1.3	1,670.2
1974/75	36.8	2.5	14.2	0.5	1,297.0
1973/74	26.3	1.6	11.9	0.3	1,066.2
1972/73	22.5	..	10.0	..	902.6
1971/72	27.9	..	25.4	..	1,234.0

Table 27.8 (cont'd.)

Year	Justice Policy Field					
	Solicitor General	Attorney General	Correc-tional Services	Consumer & Commercial Relations	Justice Policy	Total
			$ millions			
1984/85	307.0	266.0	228.0	129.0	2.0	932.0
1983/84	290.0	262.0	226.0	152.0	1.0	931.0
1982/83	281.0	237.1	206.3	106.6	1.2	832.3
1981/82	247.8	205.9	174.3	85.8	0.8	714.6
1980/81	208.9	181.8	156.5	75.6	0.7	623.5
1979/80	186.1	156.7	137.1	68.2	0.7	548.9
1978/79	167.5	140.1	130.0	63.3	0.6	501.5
1977/78	152.9	129.7	125.8	63.4	0.4	472.2
1976/77	143.7	118.9	144.7	60.5	0.4	468.1
1975/76	128.0	100.5	122.3	43.3	0.4	394.5
1974/75	105.5	85.3	102.2	35.1	0.3	328.4
1973/74	90.4	68.1	86.3	28.4	0.3	273.6
1972/73	82.6	60.1	72.9	25.0	..	240.6
1971/72	..	136.1	62.0	8.8	..	207.0

Table 27.8 (cont'd.)

Year	General Government				
	Revenue	Government Services	Treasury & Economics	Northern Affairs	Management Board of Cabinet
			$ millions		
1984/85	637.0	384.0	3,455.0	159.0	18.0
1983/84	621.0	368.0	2,943.0	158.0	16.0
1982/83	611.5	383.9	2,510.7	180.3	14.2
1981/82	536.9	309.8	1,976.2	169.4	12.4
1980/81	487.6	283.5	1,696.8	156.4	10.2
1979/80	194.2	328.8	1,557.3	136.7	9.5
1978/79	193.7	253.6	1,496.0	125.4	8.5
1977/78	194.5	271.4	1,652.6	113.3	7.8
1976/77	197.9	295.7	1,580.6	0.1	8.1
1975/76	173.0	288.4	1,289.9	..	7.5
1974/75	123.0	269.0	1,035.5	..	7.0
1973/74	53.3	179.5	868.3	..	1.8
1972/73	73.3	166.0	640.9	..	2.9
1971/72	31.8	135.0	408.5	..	3.1

Table 27.8 (cont'd.)

	General Government (cont'd.)				
Year	Inter-governmental Affairs	Office of the Assembly	Other	Total	Total
			$ millions		
1984/85	8.0	35.0	795.0	5,491.0	26,801.0
1983/84	7.0	35.0	562.0	4,710.0	24,947.0
1982/83	7.2	31.6	13.0	3,752.4	22,509.2
1981/82	5.4	34.9	11.8	3,056.6	19,650.8
1980/81	460.4	35.5	10.7	3,141.0	16,835.8
1979/80	685.5	19.7	9.4	2,940.9	15,345.9
1978/79	509.6	21.9	8.5	2,616.9	14,156.9
1977/78	..	29.8	8.5	2,277.9	13,129.5
1976/77	..	16.8	7.1	2,106.2	11,921.2
1975/76	..	30.1	5.5	1,794.3	10,632.2
1974/75	..	7.8	4.0	1,446.2	8,821.6
1973/74	..	6.5	7.5	1,116.9	7,301.9
1972/73	..	..	7.2	890.2	6,480.3
1971/72	..	..	5.3	583.7	5,223.0

Sources: Ministry of Treasury and Economics, *Public Accounts, Ontario.*
Ontario Budget 1984.

Notes:
1. See Table 27.1, note 1.
2. See Table 27.4, note 4. Both 1983/84 and 1984/85 figures include non-budgetary expenditures.
3. Other includes Office of the Premier, Cabinet Office, Office of the Lieutenant Governor, Office of the Ombudsman and Office of the Provincial Auditor.
4. The Ministry of Citizenship and Culture was formed in 1982, assuming culture responsibilities from the Ministry of Culture and Recreation. The recreation responsibilities moved to the new Ministry of Tourism and Recreation.
5. The Ministry of Municipal Affairs and Housing was formed in 1980, assuming municipal affairs from the Ministry of Intergovernmental Affairs, which was established in 1978, separating from the former Ministry of Treasury, Economics and Intergovernmental Affairs. Prior to 1972, Municipal Affairs and Treasury and Economics were separate Departments.
6. The 1971/72 figures for the Ministry of Natural Resources include the Departments of Lands and Forests and Mines and Northern Affairs.
7. The Ministry of Industry and Trade was formed in 1982; previous years figures are for Industry and Tourism, except 1971/72 which are for the Department of Trade and Development.
8. The Ministry of Consumer and Commercial Relations was formed in 1972; the 1971/72 figures are for the Department of Financial and Commercial Affairs.
9. The Ministry of Northern Affairs was created in 1977.
10. In 1983/84 and 1984/85 Other includes pensions and contingency fund.
11. Expenditures for the Ministry of Treasury & Economics include public debt interest which is about 85% of the Ministry's expenditures.

Table 27.9 Provincial Budgetary Expenditure by Object, Ontario, 1971/72 to 1982/83

Year	Salaries, Wages & Benefits	Services, Supplies & Equipment	Investment/ Construction of Physical Assets	Transfer Payments	Other Transactions	Less Recoveries	Total
				$ millions			
1982/83	2,375.2	1,624.5	638.4	16,418.4	2,199.9	747.2	22,509.2
1981/82	2,112.9	1,285.2	461.8	14,263.1	1,924.9	397.1	19,650.8
1980/81	1,890.1	1,131.3	414.4	12,056.5	1,651.4	307.8	16,835.8
1979/80	1,719.3	933.6	443.6	11,020.0	1,464.8	235.4	15,345.9
1978/79	1,574.1	834.8	371.2	10,061.3	1,522.9	207.3	14,156.9
1977/78	1,486.2	796.8	352.2	9,385.4	1,307.5	198.6	13,129.5
1976/77	1,429.0	646.6	303.5	8,520.1	1,121.1	99.0	11,921.2
1975/76	1,235.6	610.6	346.2	7,608.3	934.8	103.3	10,632.2
1974/75	1,050.9	537.2	366.1	6,263.6	698.2	94.4	8,821.6
1973/74	894.9	421.0	270.3	5,156.2	608.6	49.2	7,301.9
1972/73	814.9	365.7	233.3	4,628.1	482.1	43.6	6,480.3
1971/72	727.6	362.1	248.1	3,533.5	387.0	35.3	5,223.0

Source: Ministry of Treasury and Economics, *Public Accounts, Ontario.*

Notes: 1. See Table 27.1, note 1.

2. Recoveries are amounts of inter-ministerial transfers and allocation by object is not available.
3. Other Transactions includes interest payments on the public debt, Ontario Development Corporation-loan forgiveness and guarantees and Municipal taxes on Agricultural Rehabilitation and Development Act (A.R.D.A.) property.

Table 27.10 Provincial Government Assistance to Post-Secondary Education, Institutions, Hospitals and Local Governments, Ontario, 1970/71 to 1981/82

Year	Post-secondary Education	Elementary & Secondary Education	Munici-palities & Agencies	Hospitals	Total
			$ millions		
1981/82	1,572.1	2,549.1	2,178.6	..	..
1980/81	1,455.2	2,280.9	1,918.4	3,027.4	8,681.9
1979/80	1,333.3	2,057.7	1,747.0	2,659.4	7,797.4
1978/79	1,266.3	1,954.5	1,627.0	2,520.1	7,367.9
1977/78	1,167.7	1,874.0	1,524.9	2,486.1	7,052.7
1976/77	1,081.2	1,725.0	1,346.6	2,256.0	6,408.8
1975/76	951.3	1,633.9	1,283.7	2,021.4	5,890.3
1974/75	821.6	1,334.3	906.0	1,718.3	4,780.2
1973/74	722.8	1,226.9	736.4	1,424.7	4,110.8
1972/73	600.7	1,186.7	581.7	1,282.3	3,651.4
1971/72	493.9	1,064.9	535.6	1,159.5	3,253.9
1970/71	378.8	898.5	445.9	1,009.7	2,732.9

Sources: Ministry of Treasury and Economics, *Public Accounts, Ontario.*
Ministry of Education, *Education Statistics.*
Ministry of Municipal Affairs and Housing, *Local Government Finance in Ontario.*

Notes: 1. See Table 27.1, note 1.

2. Data for Elementary & Secondary Education and Municipalities are for calendar years and are reported in the fiscal year in which the calendar year ends.
3. Assistance to hospitals includes Lottery Corporation contributions, see also Table 29.9.

Table 27.11 Provincial Government Capital Investment and Net Borrowing, Ontario, 1972/73 to 1984/85

Year	Capital Investment	Net Borrowing
	$ millions	
1984/85	2,377	2,073
1983/84	2,273	2,860
1982/83	2,306	2,051
1981/82	2,311	1,363
1980/81	1,709	968
1979/80	1,561	1,132
1978/79	1,361	1,652
1977/78	1,536	1,506
1976/77	1,480	1,092
1975/76	1,627	1,974
1974/75	1,399	851
1973/74	1,226	710
1972/73	1,103	1,032

Source: Ministry of Treasury and Economics, *Ontario Budget*.

Notes: 1. See Table 27.1, note 1.
2. Excludes Ontario Hydro.

Table 27.12 Provincial Government Non-Budgetary Transactions, Ontario, 1965/66 to 1984/85

	Loans, Advances & Investments			Trust Administration Function			
Year	Receipts	Disbursements	Net Charge	Credits	Charges	Net Charge	Balance
				$ millions			
1984/85	325.0	191.0	134.0	961.0	251.0	710.0	844.0
1983/84	425.0	179.0	246.0	868.0	206.0	662.0	908.0
1982/83	341.1	181.4	159.7	770.2	221.4	548.8	708.5
1981/82	341.5	543.2	-201.7	659.9	194.4	465.5	263.8
1980/81	310.2	263.3	46.9	611.1	173.4	437.7	484.6
1979/80	390.6	350.6	40.0	641.2	133.3	507.9	547.9
1978/79	420.0	378.4	41.6	491.3	122.4	368.9	410.6
1977/78	262.4	498.9	-236.5	420.9	125.0	295.9	59.5
1976/77	234.9	607.3	-372.4	398.8	116.5	282.3	90.1
1975/76	203.1	730.1	-527.0	307.4	99.4	208.0	-318.9
1974/75	353.8	1,048.0	-694.2	323.7	60.0	263.7	-430.5
1973/74	154.8	606.7	-451.9	178.4	55.4	123.0	-328.8
1972/73	99.8	583.6	-483.8	148.5	42.8	105.7	-378.0
1971/72	132.7	634.7	-502.0	142.3	36.2	106.1	-395.9
1970/71	93.2	601.6	-508.4	108.5	33.8	74.7	-433.6
1969/70	59.5	536.3	-476.8	125.0	45.1	79.9	-396.9
1968/69	40.0	466.2	-426.2	96.4	45.2	51.2	-375.0
1967/68	34.3	430.9	-396.6	93.5	45.2	48.3	-348.2
1966/67	28.4	380.5	-352.1	76.5	36.8	39.7	-312.4
1965/66	19.8	205.2	-185.4	65.3	36.4	28.9	-156.5

Sources: Ministry of Treasury and Economics, *Public Accounts, Ontario*.
Ontario Budget 1984.

Notes: 1. See Table 27.1, note 1.
2. See Table 27.4, note 4.
3. Non-budgetary transactions exclude Ontario Hydro transactions and Ontario Municipal Employees Retirement Fund interim deposits.
4. Non-budgetary transactions are not part of the budgetary process but do influence cash requirements. They involve advances, investments, loans and deposit and trust accounts.

Table 27.13 Provincial Government Debt Outstanding, Ontario, March 31, 1964 to 1983

Year	Funded Debt			Unfunded Debt	Debt Out-standing	Contingent Liabilities	Total
	Public	Non-public	Total				
				$ millions			
1983	5,965.9	19,587.5	25,553.4	4,332.5	29,885.9	10,823.0	40,709.0
1982	5,631.6	17,490.4	23,122.0	3,783.7	26,905.6	8,966.4	35,872.1
1981	4,854.2	15,550.5	20,404.6	3,333.0	23,737.7	8,257.3	31,995.0
1980	5,089.2	13,888.4	18,977.6	2,946.0	21,923.7	7,600.5	29,524.2
1979	5,286.4	12,319.1	17,605.5	2,463.9	20,069.5	6,734.4	26,803.9
1978	4,514.0	10,751.6	15,265.6	2,115.4	17,381.0	6,211.4	23,592.4
1977	4,188.3	9,216.1	13,404.3	1,783.0	15,187.3	5,805.9	20,993.2
1976	4,149.2	7,908.6	12,057.8	1,485.9	13,543.8	5,146.2	18,690.0
1975	2,876.4	6,677.6	9,553.9	1,278.5	10,832.4	3,933.2	14,765.7
1974	2,853.0	5,537.4	8,390.4	999.0	9,389.6	3,381.7	12,771.3
1973	2,857.4	4,601.7	7,459.0	874.3	8,333.4	3,069.5	11,403.0
1972	2,451.3	3,824.2	6,275.5	710.4	6,985.9	2,793.5	9,779.4
1971	2,116.0	3,077.2	5,193.2	602.0	5,795.3	2,434.3	8,229.6
1970	2,093.0	2,467.5	4,560.4	523.9	5,084.3	2,195.5	7,280.0
1969	2,060.5	1,900.8	3,961.3	487.2	4,448.5	2,147.5	6,596.0
1968	1,857.3	1,380.0	3,237.2	431.9	3,669.1	1,946.6	5,615.7
1967	1,728.4	894.5	2,623.0	390.1	3,013.1	1,991.0	5,004.1
1966	1,751.7	473.9	2,225.6	345.7	2,571.3	1,816.2	4,387.5
1965	1,646.0	352.1	1,998.1	315.8	2,313.9	1,827.4	4,141.4
1964	1,584.7	299.6	1,884.3	285.1	2,169.5	1,794.6	3,964.0

Source: Ministry of Treasury and Economics, *Public Accounts*, Ontario.

Notes: 1. Non-public Funded Debt consists of bonds issued to the Canada Pension Plan Investment Fund and Teachers' Superannuation Funds.
2. Unfunded Debt consists primarily of Public Service Superannuation Fund amounts and is based on actuarial estimates.
3. Contingent Liabilities will only be paid by the Government in specific situations, e.g. – default by the borrower such as Ontario Hydro.
4. Contingent Liabilities excludes Ontario Hydro pre-maturity bond retirements.

Table 27.14 Government Enterprise Finance, Ontario, Fiscal Year Ended Nearest to December 31, 1970 to 1980

Year	Income	Expen-diture	Own Account Balance	Government Subsidies	Net Income	Assets	Liabil-ities	Net Worth
					$ millions			
1980	4,818.0	4,147.0	671.0	16.8	687.8	18,305.7	15,652.9	2,652.8
1979	4,252.8	3,560.0	692.1	14.1	706.9	17,152.3	14,739.6	2,412.7
1978	3,596.9	3,082.3	514.7	11.2	525.8	15,896.8	13,815.7	2,081.1
1977	3,191.8	2,618.1	573.7	10.3	584.0	13,852.5	11,988.1	1,864.4
1976	2,647.5	2,241.8	405.7	8.4	414.1	12,257.3	10,621.3	1,636.0
1975	2,049.7	1,851.8	197.9	6.6	204.5	10,713.4	9,165.5	1,547.9
1974	1,792.4	1,459.9	332.6	4.5	337.0	9,137.4	7,565.3	1,572.1
1973	1,548.9	1,252.1	296.8	0.1	296.9	8,035.9	6,618.7	1,417.2
1972	1,347.3	1,110.2	237.1	–	237.1	6,975.1	5,650.3	1,324.9
1971	1,214.6	1,010.6	204.0	0.1	204.1	6,443.0	5,187.3	1,255.7
1970	1,072.0	865.6	206.4	0.1	206.5	5,743.4	4,545.4	1,198.0

Source: Statistics Canada, *Provincial Government Enterprise Finance, (61-204).*

Table 27.15 Local Government Expenditure, Ontario, 1968 to 1983

	Municipalities			School Boards			
Year	Revenue Fund	Capital Fund	Total	Revenue Fund	Capital Fund	Total	Total
				$ millions			
1983	7,050.0	1,530.0	8,580.0	5,935.0	230.0	6,165.0	14,745.0
1982	6,378.0	1,421.0	7,799.0	5,447.0	233.0	5,680.0	13,479.0
1981	5,516.0	1,293.0	6,809.0	4,815.0	206.0	5,021.0	11,830.0
1980	4,875.0	1,261.0	6,136.0	4,309.0	172.0	4,481.0	10,617.0
1979	4,342.0	1,198.0	5,540.0	3,946.0	138.0	4,084.0	9,624.0
1978	4,011.0	1,194.0	5,205.0	3,680.0	170.0	3,850.0	9,055.0
1977	3,631.0	1,106.0	4,737.0	3,410.0	128.0	3,538.0	8,275.0
1976	2,801.0	1,034.0	3,835.0	3,088.0	145.0	3,233.0	7,068.0
1975	2,526.0	1,018.0	3,544.0	2,601.0	209.0	2,810.0	6,354.0
1974	2,084.0	776.0	2,860.0	2,198.0	182.0	2,380.0	5,240.0
1973	1,640.0	612.1	2,252.1	2,245.6	232.7	2,478.3	4,730.4
1972	1,485.9	550.4	2,036.3	1,932.8	275.8	2,208.6	4,244.9
1971	1,377.1	487.2	1,864.4	1,793.7	363.2	2,156.9	4,021.3
1970	1,180.1	391.3	1,571.4	1,641.9	374.5	2,016.4	3,587.8
1969	1,033.2	371.4	1,404.6	1,423.1	399.8	1,822.9	3,227.5
1968	937.2	390.2	1,327.4	1,236.0	345.6	1,581.6	2,909.0

Sources: Ministry of Municipal Affairs and Housing, *Local Government Finance in Ontario*.
Ministry of Education, *Education Statistics*.

Notes:
1. Local Government refers to upper and lower tier municipalities and school boards.
2. Revenue Fund expenditures exclude transfers to Capital Fund.
3. For 1974 and later years, Local Government expenditures, both municipal and school board, are those reported in *Local Government Finance in Ontario*; prior to 1974, school board expenditures were derived from *Education Statistics*.
4. See Table 27.3, note 1.
5. After 1976, municipal expenditures include operation of transit and water utilities.

Table 27.16 **Local Government Revenues by Source, Ontario, 1968 to 1983**

Year	Property Taxes	Provincial Grants	Federal Grants & Municipal Payments	User Fees	Other Revenue	Total	Long Term Borrowing
				$ millions			
1983	5,985.0	5,815.0	152.0	1,280.0	1,163.0	14,395.0	300.0
1982	5,420.0	5,376.0	141.0	1,176.0	1,108.0	13,221.0	442.0
1981	4,769.0	4,755.0	129.2	1,041.0	1,025.8	11,720.0	263.0
1980	4,213.0	4,238.0	108.8	906.0	833.2	10,299.0	352.0
1979	3,798.0	3,839.0	110.6	810.0	747.4	9,305.0	383.4
1978	3,448.0	3,618.0	103.9	725.0	727.1	8,622.0	371.8
1977	3,188.0	3,433.0	97.7	625.0	564.3	7,908.0	530.1
1976	2,765.0	3,012.0	87.4	600.0	726.6	7,191.0	636.8
1975	2,351.0	2,866.0	72.5	495.0	470.5	6,255.0	423.0
1974	1,982.3	2,240.2	13.6	100.0	479.2	4,815.3	314.2
1973	1,787.7	1,963.3	13.8	81.5	436.2	4,282.5	346.5
1972	1,744.4	1,768.4	9.2	86.6	405.6	4,014.2	351.1
1971	1,650.1	1,600.4	9.3	77.3	450.7	3,787.8	417.7
1970	1,596.8	1,344.4	14.4	58.4	440.1	3,454.1	339.8
1969	1,438.3	1,111.2	12.6	55.1	456.3	3,073.5	349.2
1968	1,282.3	970.0	9.4	41.5	410.9	2,714.1	357.4

Sources: Ministry of Municipal Affairs and Housing, *Local Government Finance in Ontario*.
Ministry of Education, *Education Statistics*.

Notes:
1. Local Government refers to upper and lower tier municipalities and school boards.
2. Property Taxes are the sum of those levied by municipalities for own and school purposes; this is different from property taxes reported by school boards which are break even requisitions representing the amount required to balance the budget and do not include under or over levies.
3. Provincial Grants includes General Legislative Grants, grants to municipalities, other grants to school boards and payments in lieu of taxes.
4. From 1975 on, User Fees includes revenue from transit fares, homes for the aged, water, culture and recreation and other service charges.
5. Other Revenue includes rents and concessions, fines, licences and permits, tax penalties and interest and investment income.
6. See Table 27.3, note 1.
7. Long Term Borrowing includes that done on behalf of municipal enterprises and unconsolidated boards and commissions.

Table 27.17 **Municipal Revenue Fund Expenditures by Function, Ontario, 1968 to 1982**

Year	General Government	Protection to People & Property				Transportation			
		Fire	Police	Other	Total	Roads	Transit	Other	Total
					$ millions				
1982	740.7	382.4	665.0	148.9	1,196.3	868.2	632.3	106.3	1,607.0
1981	614.7	338.8	579.5	135.0	1,053.4	785.6	543.9	98.0	1,427.6
1980	545.9	292.5	501.9	122.2	916.6	708.3	451.0	90.2	1,249.5
1979	457.4	259.8	444.9	107.7	812.4	664.4	398.8	78.8	1,141.9
1978	429.9	235.7	407.8	101.9	745.4	628.7	381.0	74.4	1,084.1
1977	365.3	218.5	373.0	89.2	680.7	607.1	347.5	58.5	1,013.1
1976	311.3	195.5	327.5	79.7	602.7	486.3	108.2	82.2	676.7
1975	272.5	177.0	284.3	83.4	544.7	453.9	114.5	74.7	643.1
1974	243.6	144.8	227.8	60.7	433.3	400.3	81.8	78.5	560.6
1973	196.6	124.3	188.8	53.0	366.0	370.7	56.6	73.0	500.3
1972	187.1	111.8	163.6	47.6	323.0	354.7	37.5	66.3	458.5
1971	173.7	98.5	144.0	42.4	284.9	337.7	29.9	62.3	429.9
1970	152.4	88.2	123.3	37.1	248.6	298.3	23,4	51.2	372.9
1969	153.4	76.9	103.9	33.8	214.5	269.3	21.3	44.9	335.5
1968	131.5	65.9	88.4	31.2	185.5	262.2	20.2	41.5	323.9

Table 27.17 (cont'd.)

Year	Environment					Health & Social Services	Recreation & Culture	Planning & Development	Total
	Sewers	Water	Solid Waste	Other	Total				
					$ millions				
1982	416.2	357.3	189.8	–	963.2	1,264.2	739.4	176.0	6,687.8
1981	374.9	321.1	171.1	–	867.2	1,060.2	643.9	157.0	5,824.0
1980	328.0	274.8	169.6	–	772.3	930.3	575.0	168.0	5,157.5
1979	297.7	252.9	142.9	–	693.4	824.6	513.8	128.1	4,571.6
1978	252.1	234.3	121.9	19.9	628.2	733.9	484.8	114.6	4,220.8
1977	240.3	212.1	109.3	1.8	563.6	648.6	446.0	107.0	3,824.4
1976	218.2	–	99.4	–	317.7	584.2	369.9	84.3	2,946.8
1975	188.0	–	89.2	–	277.2	544.6	317.7	73.9	2,673.7
1974	128.3	–	79.3	–	207.6	327.6	229.5	43.7	2,045.9
1973	114.3	–	67.0	–	181.2	275.6	196.0	33.9	1,749.7
1972	101.3	–	59.5	–	160.8	264.4	165.5	29.3	1,588.5
1971	89.0	–	53.7	–	142.7	266.6	141.2	25.3	1,446.4
1970	79.6	–	47.5	–	127.1	212.0	120.3	19.3	1,252.5
1969	74.2	–	42.9	–	117.1	157.5	103.3	17.0	1,098.4
1968	69.0	–	39.1	–	108.1	140.1	90.4	15.3	994.9

Sources: Ministry of Municipal Affairs and Housing, *Local Government Finance in Ontario*.
Ministry of Treasury, Economics and Intergovernmental Affairs, *Municipal Financial Information, 1974*.

Notes: 1. Since 1977, local boards and municipal enterprises have been consolidated with municipal figures; therefore, comparisons between pre-1977 and post-1977 data are not appropriate.
2. Municipal water systems were consolidated in 1977; previously any water service expenditure was in Environmental Services.

Table 27.18 Municipal Capital Fund Expenditures by Function, Ontario, 1968 to 1982

Year	General Government	Protection People & Property	Transportation	Environment	Health/ Social Services	Recreation	Planning	Total
				$ millions				
1982	63.9	61.1	606.8	376.3	61.6	159.2	93.9	1,422.5
1981	44.7	51.2	561.6	344.7	34.2	122.0	133.7	1,292.0
1980	83.2	44.6	490.1	333.7	57.7	130.0	116.7	1,255.9
1979	74.2	38.6	436.6	353.5	60.5	129.0	106.2	1,198.6
1978	61.4	45.9	441.9	355.3	57.8	137.8	95.4	1,195.4
1977	37.8	38.5	449.2	310.6	42.9	146.5	80.7	1,106.2
1976	42.4	39.0	399.8	233.7	28.1	125.0	74.4	942.3
1975	37.9	39.1	408.7	250.3	23.2	140.8	68.3	968.3
1974	23.8	32.4	343.9	124.7	13.6	120.1	27.0	685.5
1973	23.4	22.6	275.7	89.2	12.1	71.6	21.9	516.5
1972	23.3	23.1	259.8	80.3	22.7	69.2	22.4	500.8
1971	8.8	18.2	248.4	83.8	11.9	41.5	20.8	433.4
1970	12.1	11.6	201.8	49.1	11.1	28.9	25.5	340.1
1969	16.9	12.7	175.3	50.1	10.8	22.7	29.3	317.8
1968	9.3	8.4	191.4	64.4	10.4	23.2	23.9	330.9

Source: Ministry of Municipal Affairs and Housing, *Local Government Finance in Ontario.*

Table 27.19 Municipal Capital Fund Revenue by Source, Ontario, 1968 to 1982

Year	Revenue Fund	Reserves & Reserve Funds	Provincial Grants	Borrowing	Other Revenues	Total
				$ millions		
1982	308.6	267.8	472.3	419.0	168.2	1,635.4
1981	306.9	212.0	392.1	254.2	192.3	1,357.5
1980	273.8	200.1	340.9	306.8	171.7	1,293.3
1979	229.8	194.9	327.5	323.2	147.6	1,223.0
1978	209.6	154.8	300.9	284.7	154.0	1,104.0
1977	192.8	126.8	316.7	472.0	144.1	1,252.4
1976	145.8	96.8	284.1	547.1	105.5	1,179.3
1975	148.2	78.3	267.8	334.3	86.8	915.4
1974	115.6	80.9	172.0	219.7	62.2	650.4
1973	109.7	65.0	126.9	254.9	58.1	614.6
1972	102.6	49.9	110.0	225.7	57.1	545.3
1971	87.3	46.1	105.0	221.6	41.2	501.2
1970	72.4	30.6	90.1	187.5	41.5	422.2
1969	65.2	30.0	74.8	162.8	38.3	371.2
1968	57.7	24.5	59.9	165.1	32.6	339.9

Source: Ministry of Municipal Affairs and Housing, *Local Government Finance in Ontario.*

Note: Borrowing includes that done on behalf of municipal enterprises and unconsolidated boards and commissions.

Table 27.20 Local Government Long Term Borrowing and Debt Outstanding, Ontario, December 31, 1968 to 1982

	Municipal			School Board		
	Long Term Borrowing	Net Debt Outstanding	Debt Charges	Long Term Borrowing	Net Debt Outstanding	Debt Charges
			$ millions			
1982	419.0	3,157.0	532.0	23.0	1,125.0	207.0
1981	254.2	3,017.7	492.9	8.7	1,170.0	212.9
1980	306.8	3,027.2	468.9	45.2	1,289.0	215.7
1979	323.2	2,975.4	445.3	60.2	1,314.0	217.4
1978	284.7	2,898.9	426.9	87.1	1,407.0	216.3
1977	472.0	2,837.8	384.6	58.1	1,437.0	215.1
1976	547.1	2,453.0	353.0	89.7	1,484.0	211.1
1975	334.3	2,104.0	315.0	88.7	1,501.0	207.0
1974	219.7	1,948.0	294.5	94.5	1,518.0	200.2
1973	254.9	1,901.2	275.0	91.6	..	199.2
1972	225.7	1,800.6	258.2	125.4	..	190.4
1971	221.6	1,722.8	242.8	196.1	..	179.3
1970	187.5	1,640.9	227.1	152.3	..	173.0
1969	162.8	1,619.5	213.3	186.4	..	152.6
1968	165.1	1,583.3	202.4	192.3	..	134.8

Sources: Ministry of Municipal Affairs and Housing, *Local Government Finance in Ontario.*
Ministry of Education, *Education Statistics.*

Notes: 1. Debt Charges includes interest payments and principal repayments (see also Table 27.2, note 2).
2. Municipal Net Debt is prepared from total unmatured debt outstanding adjusted by obligations assumed by or from other municipalities and sinking fund balances and Ontario Water Resources Commission (Ministry of Environment) debt retirement.
3. See Table 27.16, note 7.

Table 27.21 Federal Government Revenue, Expenditure and Net Cash Requirements, 1969/70 to 1982/83

Year	Taxation Revenue	Non-taxation Revenue	Budgetary Revenue	Budgetary Expenditure	Surplus or Deficit(–)	Net Non-budgetary Transactions	Net Cash Requirements
				$ millions			
1982/83	49,307.2	5,816.0	55,123.2	78,276.4	–23,153.2	220.0	22,933.2
1981/82	47,954.7	6,597.1	54,551.8	67,958.5	–13,406.7	4,928.0	8,478.7
1980/81	40,650.7	5,856.8	46,507.5	62,377.5	–15,870.0	3,708.0	12,162.0
1979/80	34,907.4	5,145.9	40,053.3	52,363.8	–12,310.5	1,537.0	10,773.5
1978/79	30,652.1	4,563.5	35,215.6	46,922.3	–11,706.7	4,856.0	6,850.7
1977/78	28,959.7	3,886.8	32,846.5	42,882.3	–10,035.8	2,773.0	7,262.8
1976/77	29,154.8	3,485.5	32,640.3	38,929.8	–6,289.5	2,023.0	4,266.5
1975/76	26,296.8	2,862.6	29,159.4	33,181.2	–4,021.8	–739.5	4,761.3
1974/75	22,328.0	2,580.7	24,908.7	26,054.9	–1,146.2	–360.8	1,507.0
1973/74	17,133.2	2,233.5	19,366.7	20,039.4	–672.7	–646.2	1,318.9
1972/73	14,704.0	1,897.6	16,601.6	16,120.7	480.9	–1,869.0	1,388.1
1971/72	12,561.9	1,664.7	14,226.6	14,840.9	–614.3	–1,113.0	1,727.3
1970/71	11,346.9	1,457.1	12,803.0	13,182.1	–379.1	–1,809.0	2,188.1
1969/70	10,955.4	1,368.4	12,323.8	11,931.3	392.6	–636.7	244.1

Source: Receiver General for Canada, *Public Accounts of Canada.*

Note: See Table 27.1, note 1.

Table 27.22 Federal Government Debt Outstanding at March 31, 1971 to 1983

Year	Funded Debt: Public	Funded Debt: Non-public	Funded Debt: Total	Unfunded Debt	Debt Out-standing	Contingent Liabilities	Total
				$ millions			
1983	114,811.8	171.4	114,983.2	44,486.8	159,470.0	6,894.4	166,364.4
1982	91,637.9	154.0	91,791.9	42,315.1	134,107.0	5,661.3	139,768.3
1981	82,525.5	136.4	82,661.9	35,799.1	118,461.0	4,171.3	122,632.3
1980	71,711.5	113.4	71,824.9	34,374.1	106,199.0	3,977.6	110,176.6
1979	66,348.7	95.7	66,444.4	32,036.6	98,481.0	28,570.4	127,051.4
1978	51,385.6	83.7	51,469.3	28,578.7	80,048.0	23,736.3	103,784.3
1977	42,447.0	72.3	42,519.3	24,555.7	67,075.0	18,812.8	85,887.8
1976	37,634.9	61.7	37,696.6	22,105.7	59,802.3	17,124.1	76,926.4
1975	33,034.7	51.5	33,086.2	20,071.7	53,157.9	15,630.7	68,788.6
1974	29,129.0	42.4	29,171.4	18,641.3	47,812.7	13,857.2	61,669.9
1973	29,004.0	34.5	29,038.5	16,341.0	45,379.5	12,734.0	58,113.5
1972	27,231.2	27.3	27,258.5	15,128.6	42,387.1	11,649.4	54,036.5
1971	24,865.3	335.8	25,201.1	13,524.8	38,725.9	10,537.0	49,262.9

Source: Receiver General for Canada, *Public Accounts of Canada*.

Notes:
1. Public Debt consists of all unmatured bonds and notes, both domestic and foreign, including Canada Savings Bonds.
2. Non-public Debt consists of bonds issued to the Canada Pension Plan Investment Fund and prior to 1972, to the Unemployment Insurance Commission.
3. Unfunded Debt is called Specified Purpose Accounts in the Public Accounts of Canada, and includes all direct federal liabilities other than notes and bonds, including Superannuation Accounts, and Foreign Exchange Accounts.
4. Contingent Liabilities will only be paid by the federal government in specific situations e.g. default by the borrower. The contingent liabilities associated with CMHC are not included in 1980 and subsequent years.

Table 27.23 Federal Government Enterprise Finance, Fiscal Year Ended Nearest to December 31, 1970 to 1982

Year	Income	Expenditures: Salaries & Wages	Expenditures: Total	Own Account Balance	Government Subsidies	Net Income	Assets	Liabilities	Net Worth
					$ millions				
1982	20,231.5	3,941.4	21,966.3	-1,734.7	1,266.5	-468.2	52,311.2	42,443.5	9,867.7
1981	19,014.4	3,589.2	18,722.2	292.2	1,117.2	1,409.3	50,917.1	42,206.1	8,710.9
1980	17,989.6	3,369.7	17,467.6	522.1	955.3	1,477.4	46,985.4	37,348.3	9,637.1
1979	13,876.7	3,002.6	13,425.2	451.5	801.1	1,252.6	41,987.9	33,215.8	8,722.1
1978	9,833.9	2,574.8	9,991.2	-157.3	662.9	505.6	35,141.8	27,391.0	7,750.8
1977	8,399.6	2,350.5	8,641.9	-242.3	539.9	297.6	29,464.9	23,736.3	5,728.6
1976	7,549.2	2,260.9	7,799.1	-249.9	429.5	179.7	27,739.8	22,493.5	5,246.4
1975	6,638.4	1,845.6	6,772.0	-133.6	364.2	230.6	25,096.3	20,123.6	4,972.7
1974	6,573.0	1,621.3	6,199.1	373.9	312.3	686.1	22,960.5	17,974.8	4,985.7
1973	5,014.1	1,325.0	4,936.1	78.0	237.0	315.0	19,305.9	15,233.5	4,072.4
1972	4,221.5	1,189.7	4,392.4	-170.9	196.4	25.5	17,328.2	13,965.1	3,363.2
1971	3,766.8	1,081.9	3,944.3	-177.5	177.2	-0.3	16,442.8	13,136.4	3,306.3
1970	2,738.5	932.8	2,948.5	-210.0	162.3	-47.6	15,352.5	12,155.1	3,197.4

Source: Statistics Canada, *Federal Government Enterprise Finance*, (61-203).

Chapter 28
Public Sector Employment

Public Sector Employment

Public sector employment is one of the measures used to gauge the magnitude of public involvement in the economy. Statistics in this chapter cover the number of employees and payrolls of most entities in the public sector, as defined in Chapter 27, Public Finance.

Ontario Government employment and payrolls reported by Statistics Canada are derived from surveys of individual ministries. The number of employees reported is the number on the payroll at the last day of the month or at the final pay period of the month, and is different from the Ontario Civil Service Commission's (CSC) *Annual Report*. The CSC report is based on employees on staff on the last Friday of the month and includes persons who are appointed under the authority of the Public Service Act, and persons who are appointed under the authority of other specific legislation but are paid out of the Salaries and Wages Standard Account. Major differences between the two series are:

- CSC excludes employees on Long Term Income Protection Plan, while Statistics Canada includes them;
- Board of Industrial Leadership and Development (BILD) job creation unclassified employees are included in the CSC report, but not in Statistics Canada publications;
- employees in the Legislative Assembly, Lieutenant Governor, Provincial Auditor and Ombudsman's offices are not civil servants, and as such are excluded by CSC;
- CSC excludes employees on leave of absence without pay, but Statistics Canada includes them;
- CSC figures are reported by personnel officers based on personnel records, while Statistics Canada figures are reported by accounts personnel based on payroll records.

The gross payrolls reported by Statistics Canada are gross payments made to all employees during the month. They include retroactive pay, salary adjustments and overtime payments, but not fringe benefits. Therefore gross payroll divided by reported number of employees will not accurately reflect average earnings. In particular, in years where there are late contract settlements, average earnings calculated in this way appear unusually high.

Statistics Canada's employment data for different provinces reflect differences in reporting procedures and levels of service delivery. For example, services provided by the provincial level of government in one province may be provided by local government in another province.

Sources of Data

The two major sources for Ontario Government employment and payrolls are the Statistics Canada publication *Provincial Government Employment*, (72-007), and the Ontario Civil Service Commission's *Annual Report*. The employee statistics for elementary and secondary schools are derived from the Ontario Ministry of Education's *Education Statistics*, while the annual payrolls are estimated from financial data presented in the same publication. Information on college and university employees are obtained from Statistics Canada's *Education Canada*, (81-229), while annual payrolls are estimated from the *Financial Report of Ontario Universities*, published by the Council of Ontario Universities. Data on hospital payrolls are available from the Fiscal Resources Branch of the Ontario Ministry of Health, while number of employees in hospitals are extracted from *Hospital Statistics*, published by the same Ministry. The number of employees and annual payrolls for these public institutions are not strictly comparable because they are derived from different sources.

For federal employment and annual gross payrolls in Ontario, data with respect to numbers and regular salary of employees paid directly from the Consolidated Revenue Fund are supplied to Statistics Canada by the federal Department of Supply and Services. Overtime and retroactive payments are derived from financial statements of the departments. Data for other employees are provided by employing agencies. The number of employees and gross payrolls of government enterprises are extracted from monthly reports provided by each enterprise. The number of federal government employees indicates those on strength on the final day of the last pay period of the month, including casual, part-time and continuing employees. For the most part, the gross payrolls for federal government employees are estimated from annual salary rates, while gross payrolls for federal government enterprise employees present actual salaries and wages paid during the month including overtime, retroactive pay and other payments. Accordingly, comparisons between federal government and enterprise numbers are of limited value. Federal government employees reported by Statistics Canada are also different from those reported by the federal Treasury Board and the Public Service Commission. Employees reported by the latter do not include military personnel, Canada Post and RCMP uniformed personnel.

Local government employment reported by Statistics Canada is derived from a monthly survey of all urban municipalities with populations over 10,000 and an annual sample survey of municipalities with population less than 10,000. The number of local government employees reported does not include local enterprises (such as hydro utilities, transit and telephone systems) and school boards. The number refers to full-time and other employees on pay during the last pay period of the month. Persons working under contract or receiving a fee for services, and elected officials are excluded. Local government employment reported by Statistics Canada is significantly higher than that reported by the Ministry of Municipal Affairs and Housing, based on municipal financial reports. This is because the latter reports only full-time employees.

More detailed information on number of employees, payrolls, and salaries and wages of public sector employment can be obtained from various Statistics Canada publications such as *Federal Government Employment in Metropolitan Areas, (72-005), Education Statistics in the Seventies, (81-569), Salaries and Salary Scales of Full-Time Teaching Staff at Canadian Universities, (81-258), Education Staff of Community Colleges and Vocational Schools, (81-254),* and *Salaries and Qualifications of Teachers in Public, Elementary and Secondary Schools, (81-202).*

Public Sector Employment

Charts:

28.1 Growth in Provincial, Federal and Local Government Employment, Ontario, 1972 to 1982
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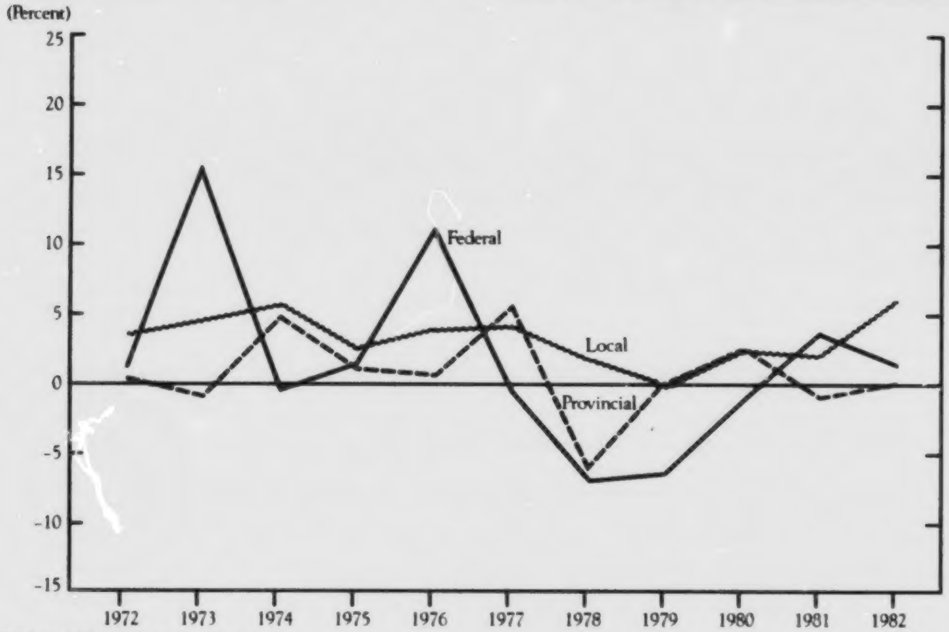
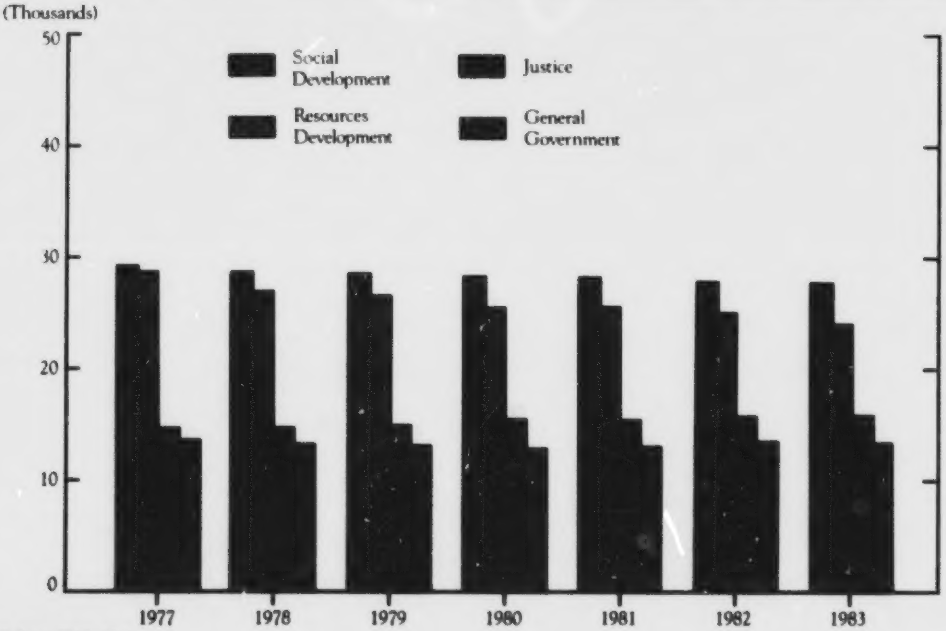
Chart 28.1 Growth in Provincial, Federal and Local Government Employment, Ontario, 1972 to 1982



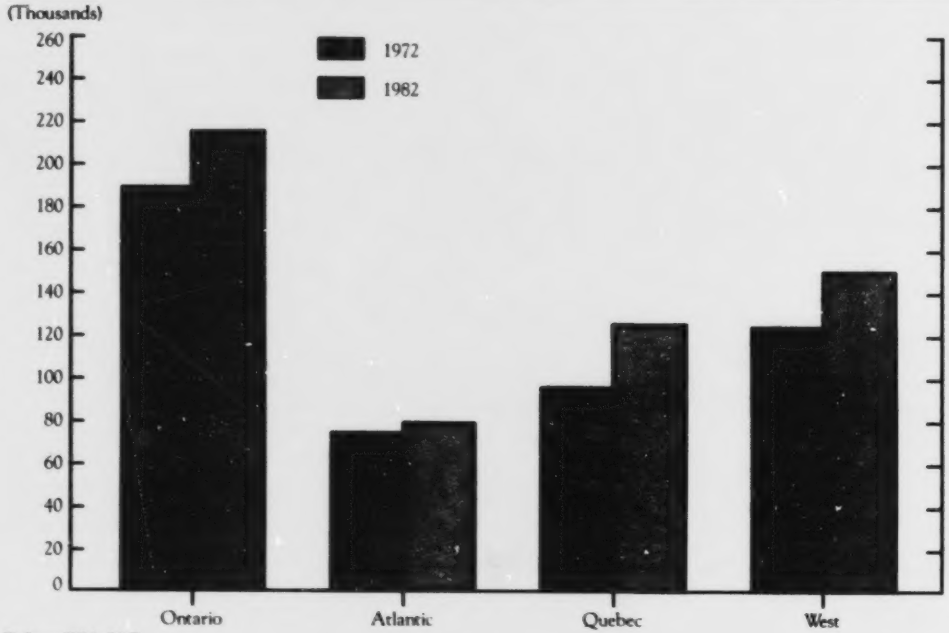
Refer to Tables 28.2, 28.7 and 28.11

Chart 28.2 Provincial Government Employees by Policy Field, Ontario, 1977 to 1983



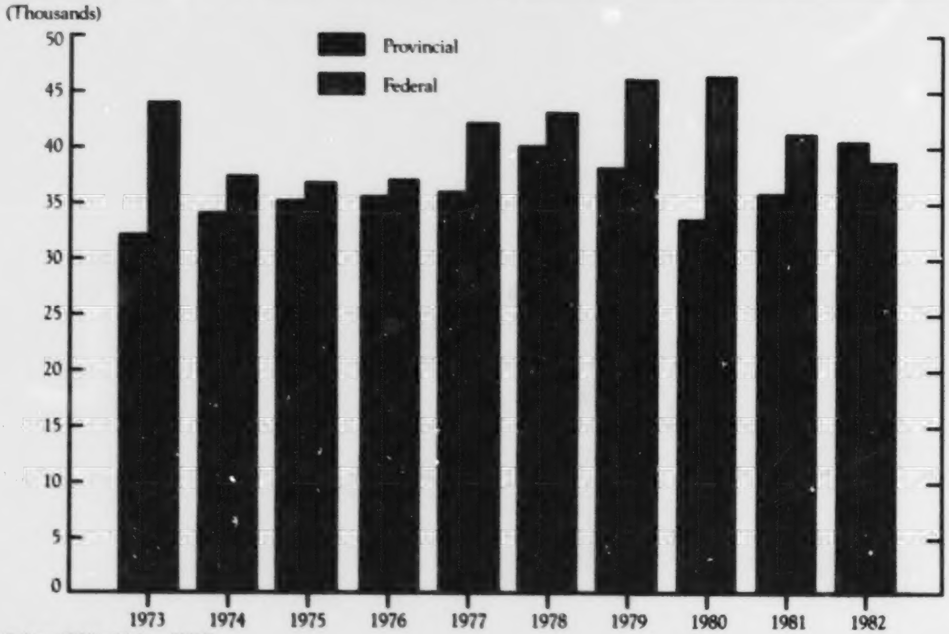
Refer to Table 28.6

Chart 28.3 Federal Government and Enterprise Employees, Ontario and Other Regions of Canada, 1972 and 1982



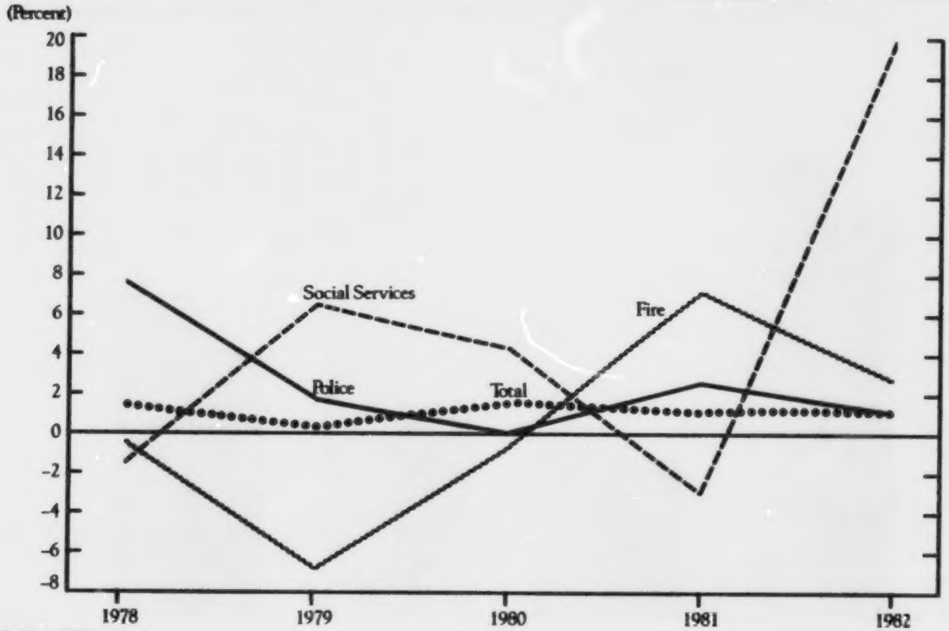
Refer to Table 28.7

Chart 28.4 Provincial and Federal Enterprise Employees, Ontario, 1973 to 1982



Refer to Tables 28.5 and 28.7

Chart 28.5 Growth in Municipal Employment by Selected Function, Ontario, 1978 to 1982



Refer to Table 28.10

Table 28.1 Public Sector Employees and Gross Annual Payroll, Ontario, 1971 to 1982

	Federal		Provincial		Local		Total	
Year	Employees	Annual Payroll	Employees	Annual Payroll	Employees	Annual Payroll	Employees	Annual Payroll
	#	$ millions	#	$ millions	#	$ millions	#	$ millions
1982	213,620	5,521	..	..	266,416	..	..	...
1981	213,423	4,577	291,675	..	256,896	4,884	761,994	...
1980	212,215	4,187	284,564	5,335	256,845	4,319	753,624	13,841
1979	213,348	3,888	281,857	4,781	254,140	3,894	749,345	12,563
1978	221,494	3,632	282,403	4,357	255,698	3,609	759,595	11,598
1977	233,746	3,443	285,419	4,127	207,193	3,344	726,358	10,914
1976	229,363	2,982	272,124	3,757	203,347	3,001	704,834	9,740
1975	209,335	2,552	273,722	3,372	198,735	2,481	681,792	8,405
1974	207,035	2,211	270,879	2.795	193,884	2,073	671,798	7,079
1973	213,934	1,978	259,129	2,370	187,689	1,917	660,752	6,265
1972	187,461	1,729	261,121	2,074	185,379	1,767	633,961	5,570
1971	185,108	1,526	257,573	1,956	182,221	1,586	624,902	5,068

Sources: CANSIM.
Statistics Canada, *Federal Government Employment*, (72-004).
Provincial Government Employment, (72-007).
Local Government Employment, (72-009).
Education in Canada, (81-229).
Ministry of Health, Fiscal Resources Branch and *Hospital Statistics*.
Council of Ontario Universities, *Financial Report of Ontario Universities*.

Notes:
1. Federal Employees include those in general government and government enterprises, Provincial Employees include those in general government, government enterprises, universities and hospitals, while local government numbers include those in school boards but exclude those in municipal enterprises.
2. Prior to 1978, school board employees are full time teachers. Employees from 1978 onwards are full time equivalents of all employees.

Table 28.2 Employees in Provincial Government: Hospitals, Universities and Government Enterprises, Ontario, 1970 to 1982

Year	Government Departments	Boards, Commissions & Agencies	Public Funded & Owned Institutions	Provincial Government	Hospitals & Universities	Government Enterprises	Total
				number			
1982	79,214	5,187	24,085	108,486	..	40,228	...
1981	78,915	5,106	24,248	108,269	147,920	35,486	291,675
1980	80,395	4,749	24,056	109,200	142,099	33,265	284,564
1979	80,568	4,279	21,336	106,183	137,936	37,738	281,857
1978	81,128	4,154	20,478	105,760	136,830	39,813	282,403
1977	85,912	3,859	22,512	112,283	137,479	35,657	285,419
1976	83,541	3,524	19,113	106,178	130,685	35,261	272,124
1975	83,317	3,429	18,558	105,304	133,609	34,809	273,722
1974	83,729	2,717	17,572	104,018	133,186	33,675	270,879
1973	80,523	2,598	16,023	99,144	128,129	31,856	259,129
1972	77,989	1,551	16,368	99,808	129,610	31,703	261,121
1971	81,199	1,546	16,568	99,313	125,822	32,438	257,573
1970	75,770	1,551	15,876	93,197	121,096	30,831	245,124

Sources: Statistics Canada, *Provincial Government Employment*, (72-007).
Education in Canada, (81-229).
Ministry of Health, Fiscal Resources Branch and *Hospital Statistics*.
Council of Ontario Universities, *Financial Report of Ontario Universities*.

Notes:
1. Public Funded and Owned Institutions include community colleges, but do not include hospitals and universities.
2. All numbers are as of December 31 of each year with the following exceptions: from 1977 on data for hospitals are as of March 31; data for universities are as of the beginning of the school year, i.e. September 30.
3. Hospital employees exclude private and federal hospitals, but include public mental hospitals.

Table 28.3 **Gross Annual Payroll: Provincial Government, Hospitals, Universities and Government Enterprises, Ontario, 1970 to 1982**

Year	Government Departments	Boards, Commissions & Agencies	Public Funded & Owned Institutions	Provincial Government	Hospitals & Universities	Government Enterprises	Total
				$ millions			
1982	1,832	127	442	2,400	..	1,260	...
1981	1,593	113	398	2,103	..	1,086	...
1980	1,535	93	350	1,977	2,420	938	5,335
1979	1,364	73	326	1,763	2,163	855	4,781
1978	1,289	70	290	1,550	2,027	780	4,357
1977	1,208	60	279	1,547	1,905	675	4,127
1976	1,110	53	245	1,408	1,738	611	3,757
1975	1,010	45	205	1,260	1,554	558	3,372
1974	857	32	172	1,061	1,285	449	2,795
1973	734	25	142	901	1,061	408	2,370
1972	654	14	131	799	947	328	2,074
1971	629	13	70	764	860	332	1,956
1970	552	12	110	674	764	289	1,727

Sources: Statistics Canada, *Provincial Government Employment*, (72-007).
Education in Canada, (81-229).
Ministry of Health, Fiscal Resources Branch and *Hospital Statistics*.
Council of Ontario Universities, *Financial Report of Ontario Universities*.

Table 28.4 **Employees in Provincial Government by Function, Ontario, 1973 to 1982**

Year	General Government	Protection of Persons & Property	Transportation & Communications	Health	Social Services	Education	All Other	Total
					number			
1982	9,656	19,422	10,887	17,825	7,597	27,582	15,517	108,486
1981	9,444	18,594	11,594	18,940	6,196	27,915	15,586	108,269
1980	9,492	19,260	12,940	18,106	7,192	27,542	14,668	109,200
1979	9,386	19,010	12,203	19,057	6,427	25,249	14,851	106,183
1978	9,272	18,410	12,313	19,922	6,624	24,349	14,870	105,760
1977	10,257	21,193	12,941	20,365	6,018	27,422	14,087	112,283
1976	9,475	20,700	13,052	21,225	4,047	23,249	14,430	106,178
1975	9.380	21,207	13,524	20,919	4,038	22,237	13,999	105,304
1974	9,200	20,272	14,257	21,734	3,881	20,900	13,774	104,018
1973	6,352	18,230	14,093	21,942	3,606	19,035	15,886	99,144

Source: Statistics Canada, *Provincial Government Employment*, (72-007).

Note: Prior to 1973 functional breakdowns are not comparable.

Table 28.5 Employees in Ontario Government Enterprises by Industry, Ontario, 1973 to 1982

Year	Manufac-turing	Trans-portation & Communi-cations	Public Utilities	Trade	Other	Total
			number			
1982	5,767	2,251	24,077	7,613	520	40,228
1981	1,599	2,272	23,302	7,816	497	35,486
1980	1,956	2,117	22,746	5,976	470	33,265
1979	3,704	2,043	23,890	6,508	1,593	37,738
1978	4,203	2,040	23,474	8,495	1,601	39,813
1977	3,430	1,979	22,143	6,555	1,550	35,657
1976	2,941	1,866	19,787	8,218	2,449	35,261
1975	3,659	1,939	20,871	6,014	2,326	34,809
1974	3,322	2,077	20,170	5,738	2,368	33,675
1973	4,093	1,938	18,555	5,233	2,037	31,856

Sources: CANSIM.
Statistics Canada, *Provincial Government Employment*, (72-007).

Table 28.6 Provincial Government Employees by Ministry, Ontario, 1977 to 1983

	Social Development Policy						
Year	Health	Education	Community & Social Services	Colleges & Universities	Citizenship & Culture	Social Secretariat	Total
				number			
1983	12,161	2,411	11,623	588	739	77	27,599
1982	12,273	2,425	11,621	602	764	77	27,762
1981	12,054	2,562	11,682	648	1,124	63	28,133
1980	12,024	2,640	11,716	647	1,200	61	28,288
1979	12,209	2,489	11,813	680	1,214	58	28,463
1978	12,457	2,552	11,607	715	1,215	60	28,606
1977	13,181	2,627	11,329	715	1,211	58	29,121

Table 28.6 (cont'd.)

	Resources Development					
Year	Transportation & Communications	Municipal Affairs & Housing	Natural Resources	Environment	Agriculture & Food	Tourism & Recreation
			number			
1983	10,419	1,305	5,276	1,594	1,973	904
1982	10,976	1,371	5,557	1,686	2,058	869
1981	11,600	1,333	6,346	1,569	1,984	...
1980	11,818	1,135	6,258	1,588	1,965	...
1979	12,150	2,191	6,365	1,592	1,814	...
1978	12,440	2,233	6,493	1,585	1,931	...
1977	13,048	2,537	7,035	1,631	2,323	...

Table 28.6 (cont'd.)

Year	Resources Development (cont'd.) Industry & Trade	Ontario Development Corporations	Energy	Labour	Resources Secretariat	Total
			number			
1983	473	167	259	1,555	56	23,981
1982	470	170	260	1,561	59	25,037
1981	716	162	187	1,495	58	25,450
1980	749	163	153	1,531	63	25,423
1979	768	176	105	1,332	76	26,569
1978	705	192	93	1,217	91	26,980
1977	659	203	84	1,098	81	28,699

Table 28.6 (cont'd.)

Year	Justice Policy Solicitor General	Attorney General	Correctional Services	Consumer & Commercial Relations	Justice Secretariat	Total
			number			
1983	2,091	5,184	5,903	2,497	20	15,695
1982	2,223	5,336	5,787	2,242	20	15,608
1981	2,219	5,318	5,575	2,227	13	15,352
1980	2,010	5,419	5,543	2,351	14	15,337
1979	2,006	5,208	5,380	2,277	14	14,885
1978	1,966	4,988	5,413	2,213	16	14,596
1977	1,955	4,904	5,544	2,224	13	14,640

Table 28.6 (cont'd.)

Year	General Government Revenue	Government Services	Treasury & Economics	Northern Affairs	Management Board	Civil Service Commission
			number			
1983	4,057	2,987	451	206	71	215
1982	4,088	3,064	443	227	86	240
1981	3,940	3,052	440	199	80	210
1980	3,808	2,976	411	198	68	214
1979	3,873	3,048	475	194	79	205
1978	3,903	3,107	494	198	87	243
1977	4,024	3,333	767	147	88	261

Table 28.6 (cont'd.)

Year	General Government (cont'd.) Inter-governmental Affairs	General Government (cont'd.) Legislative & Executive Offices	General Government (cont'd.) Total	O.P.P. Uniformed Staff & Security Guards	Environment Plant Operators	Total Staff Strength
			number			
1983	86	104	8,177	4,299	685	80,436
1982	79	101	8,328	4,294	692	81,721
1981	62	100	8,083	4,169	657	81,844
1980	291	94	8,060	4,126	645	81,879
1979	248	101	8,223	4,134	655	82,929
1978	247	102	8,381	4,107	653	83,323
1977	–	104	8,724	4,136	624	85,944

Source: Civil Service Commission.

Notes: 1. All numbers are as of December 31 of each year.

2. Excludes staff of the Lieutenant Governor, Legislative Assembly, Ombudsman and Provincial Auditor.

3. Figures include classified, unclassified and other Crown Employees but exclude staff who work under the BILD program.

4. Between 1977 and 1983, there were several reorganizations in the Ontario Government:

(a) In 1977, the Ministry of Northern Affairs was established.

(b) In 1978, the Ministry of Intergovernmental Affairs was formed and separated from the former Ministry of Treasury, Economics and Intergovernmental Affairs.

(c) In 1980, the Municipal Affairs Division of the Ministry of Intergovernmental Affairs was transferred to the Ministry of Housing to form the Ministry of Municipal Affairs and Housing. The responsibility for operations of Ontario Housing and 1,057 employees were transferred to local housing authorities effective November 1980.

(d) In 1982, the Ministry of Tourism and Recreation was formed, assuming the tourism function from the Ministry of Industry and Tourism, and the recreation function from the Ministry of Culture and Recreation, which was renamed the Ministry of Citizenship and Culture.

Table 28.7 Federal Government and Government Enterprise Employees, Ontario, Other Regions of Canada, and Outside Canada, 1971 to 1982

Year	General Government Ontario	General Government Atlantic	General Government Quebec	General Government West	General Government Outside Canada	General Government Total	General Government Ontario % of Total
				number			
1982	175,294	62,266	82,423	113,700	13,686	447,369	39.2
1981	172,675	63,454	81,702	113,418	11,978	443,227	39.0
1980	166,110	61,147	79,995	108,901	11,872	428,025	38.8
1979	167,552	59,513	76,488	107,408	12,067	423,028	39.6
1978	178,683	60,936	74,069	111,672	12,982	438,342	40.8
1977	191,859	61,457	70,855	111,690	12,795	448,656	42.8
1976	192,548	59,504	68,984	110,595	12,690	444,321	43.3
1975	172,797	56,183	63,175	98,578	15,076	405,809	42.6
1974	169,899	54,763	60,251	95,604	14,334	394,851	43.0
1973	170,198	48,482	54,223	87,712	11,699	372,314	45.7
1972	146,946	50,523	58,663	90,515	11,491	358,138	41.0
1971	144,987	49,717	54,893	91,674	11,649	352,920	41.1

Table 28.7 (cont'd.)

	Government Enterprises						
Year	Ontario	Atlantic	Quebec	West	Outside Canada	Total	Ontario % of Total
				number			
1982	38,326	15,158	41,443	34,988	6,468	136,383	28.1
1981	40,748	16,470	44,474	37,631	7,769	147,092	27.7
1980	46,105	17,711	44,925	38,478	8,990	156,209	29.5
1979	45,796	17,863	44,239	37,882	8,018	153,798	29.8
1978	42,811	17,250	40,212	34,596	8,289	143,158	29.9
1977	41,887	17,638	38,718	33,974	8,157	140,374	29.8
1976	36,815	18,089	36,160	32,727	8,052	131,843	27.9
1975	36,538	18,755	36,449	32,489	7,815	132,046	27.7
1974	37,136	19,649	37,892	32,856	8,346	135,879	27.3
1973	43,736	22,153	36,505	32,557	8,685	143,636	30.4
1972	40,515	21,833	35,287	31,886	8,620	138,141	29.3
1971	40,121	20,654	33,792	31,181	8,918	134,666	29.8

Table 28.7 (cont'd.)

	Total						
Year	Ontario	Atlantic	Quebec	West	Outside Canada	Total	Ontario % of Total
				number			
1982	213,620	77,424	123,866	148,688	20,154	583,752	36.6
1981	213,423	79,924	126,176	151,049	19,747	590,319	36.2
1980	212,215	78,858	124,920	147,379	20,862	584,234	36.3
1979	213,348	77,376	120,727	145,290	20,085	576,826	37.0
1978	221,494	78,186	114,281	146,268	21,271	581,500	38.1
1977	233,746	79,095	109,573	145,664	20,952	589,030	39.7
1976	229,363	77,593	105,144	143,322	20,742	576,164	39.8
1975	209,335	74,938	99,624	131,067	22,891	537,855	38.9
1974	207,035	74,412	98,143	128,460	22,680	530,730	39.0
1973	213,934	70,635	90,728	120,269	20,384	515,950	41.5
1972	187,461	72,356	93,950	122,401	20,111	496,279	37.8
1971	185,108	70,371	88,685	122,855	20,567	487,586	38.0

Sources: CANSIM.
Statistics Canada, *Federal Government Employment*, (72-004).

Table 28.8 Federal Government Employees by Occupational Categories, Canada, 1971 to 1982

Year	Executive, Scientific & Professional	Administration & Foreign Services	Technical	Administrative Support	Operational	Other	Total
				number			
1982	28,161	58,991	29,836	81,590	111,386	137,405	447,369
1981	25,404	56,878	29,235	80,850	114,325	136,535	443,227
1980	24,626	52,954	28,259	78,548	112,292	131,346	428,025
1979	25,147	51,539	27,822	74,622	111,181	132,717	423,028
1978	25,159	53,820	28,703	78,704	113,882	138,074	438,342
1977	26,059	53,179	28,949	79,975	117.029	143,465	448,656
1976	25,872	51,076	28,253	80,156	113,928	145,036	444,321
1975	24,974	48,400	27,263	79,064	101,079	125,029	405,809
1974	23,065	43,164	24,539	78,715	98,254	127,086	394,851
1973	21,605	35,883	23,211	77,611	96,300	117,704	372,314
1972	19,986	32,387	21,491	67,075	90,530	126,669	358,138
1971	17,986	28,197	19,168	55,781	85,126	146,662	352,920

Sources: CANSIM.
Statistics Canada, *Federal Government Employment*, (72-004).

Notes: 1. Excludes government enterprises.
2. Members of the Armed Forces are included in the Other category.

Table 28.9 Federal Government Gross Annual Payroll by Occupational Categories, Canada, 1971 to 1982

Year	Executive, Scientific & Professional	Administration & Foreign Services	Technical	Administrative Support	Operational	Other	Total
				$ millions			
1982	1,055	1,780	838	1,523	2,474	3,136	10,807
1981	844	1,469	681	1,269	1,963	2,662	8,889
1980	750	1,252	618	1,009	1,838	2,378	7,846
1979	692	1,204	559	983	1,602	2,157	7,198
1978	650	1,104	523	930	1,525	2,018	6,750
1977	603	1,012	483	865	1,488	1,856	6,307
1976	539	878	438	767	1,264	1,464	5,350
1975	474	759	365	699	967	1,578	4,841
1974	385	570	288	632	858	1,412	4,145
1973	324	463	242	498	736	1,216	3,479
1972	276	390	200	394	603	1,215	3,078
1971	238	310	173	328	561	1,013	2,622

Sources: CANSIM.
Statistics Canada, *Federal Government Employment*, (72-004).

Notes: 1. Excludes government enterprises.
2. The unusually high gross annual payroll for 1982 was mainly due to retroactive contract wage settlements.

Table 28.10 Municipal Employees by Function, Ontario, 1977 to 1982

Year	General Government	Fire	Police	Transit	Public Works	Health Services
			number			
1982	10,189	8,700	15,223	8,771	21,198	4,621
1981	10,534	8,474	15,074	7,629	22,945	4,256
1980	11,172	7,914	14,708	7,444	23,142	4,196
1979	9,196	7,980	14,708	6,894	24,083	4,279
1978	9,712	8,575	14,473	7,222	22,261	4,025
1977	9,551	8,623	13,467	6,452	22,770	3,524

Table 28.10 (cont'd.)

Year	Social Services	Parks & Recreation	Libraries	Planning & Development	Non-departmental Staff	Total
			number			
1982	10,942	6,621	3,792	1,442	13,655	105,154
1981	9,139	5,647	2,818	1,085	16,381	103,982
1980	9,422	4,101	2,473	866	16,915	102,825
1979	9,044	4,127	2,642	939	17,387	101,279
1978	8,505	4,203	3,081	1,020	17,987	101,064
1977	8,643	..	2,669	..	24,086	99,785

Source: Ministry of Municipal Affairs and Housing, Municipal Management Policy Branch, Municipal Analysis and Retrieval System.

Note: These figures are obtained from unaudited municipal financial reports and are full time employees as of December 31. They do not include employees of conservation authorities, children's aid societies, municipal enterprises such as hydro commissions, gas and telephone utilities and other unconsolidated boards and agencies (e.g. humane societies, harbour commissions, regional library systems).

Table 28.11 Local Government Employees and Gross Annual Payroll, Ontario, 1971 to 1982

Year	Municipal		School Boards		Total	
	Employees	Annual Payroll	Employees	Annual Payroll	Employees	Annual Payroll
	#	$ millions	#	$ millions	#	$ millions
1982	130,775	2,484	135,641	..	266,416	...
1981	123,113	2,137	133,783	2,747	256,896	4,884
1980	120,441	1,863	136,404	2,456	256,845	4,319
1979	117,307	1,636	136,833	2,258	254,140	3,894
1978	117,207	1,522	138,491	2,087	255,698	3,609
1977	114,967	1,414	92,226	1,930	207,193	3,344
1976	110,188	1,264	93,159	1,737	203,347	3,001
1975	105,742	1,105	92,993	1,376	198,735	2,481
1974	102,975	917	90,909	1,156	193,884	2,073
1973	97,170	799	90,519	1,118	187,689	1,917
1972	92,839	709	92,540	1,058	185,379	1,767
1971	89,423	616	92,798	970	182,221	1,586

Sources: Statistics Canada, *Local Government Employment*, (72-009).
Ministry of Education, *Education Statistics*.
Ministry of Treasury and Economics, Statistical Services Branch.

Notes:
1. Municipal employees are as of December 31 of each year, while school board employment is indicated by the beginning of each school year, i.e. September 30.
2. See Table 28.1, note 2.

Table 28.12 **Employees in Education Sector, Ontario, 1970 to 1982**

Year	Elementary Schools	Secondary Schools	Colleges	Universities
		number		
1982	85,824	49,817	6,200^{p}	13,101
1981	84,007	49,776	5,553	12,973
1980	85,251	51,153	5,651	12,845
1979	85,554	51,279	5,215	12,770
1978	87,250	51,241	5,004	12,803
1977	56,772	35,454	5,049	12,758
1976	57,807	35,352	5,007	12,650
1975	58,167	34,826	4,580	12,290
1974	56,678	34,231	4,300	12,115
1973	56,630	33,889	4,300	11,650
1972	57,991	34,549	4,500	11,015
1971	58,329	34,469	4,361	10,666
1970	59,307	33,693	4,251	9,306

Sources: Statistics Canada, *Education in Canada*, (81-229).
Education, Culture and Tourism Division.
Ministry of Education, *Education Statistics*.

Notes: 1. College and University employees are full time academic staff only.
2. Prior to 1978, employees in elementary and secondary schools are full time teachers only, while later years show full time equivalents of all employees of school boards.

Table 28.13 **Number of Employees and Gross Annual Payroll in Hospitals and Universities, Ontario, 1970 to 1982**

Year	Hospitals		Universities	
	Employees	Annual Payroll	Employees	Annual Payroll
	#	$ million	#	$ million
1982	..	..	13,101	566
1981	134,947	..	12,973	498
1980	129,254	1,977	12,845	443
1979	125,166	1,755	12,770	408
1978	124,027	1,638	12,803	389
1977	124,721	1,550	12,758	355
1976	118,035	1,417	12,650	321
1975	121,319	1,270	12,290	284
1974	121,071	1,051	12,115	234
1973	116,479	851	11,650	210
1972	118,595	755	11,015	192
1971	115,156	687	10,666	173
1970	111,790	614	9,306	150

Sources: Statistics Canada, *Education in Canada*, (81-229).
Education, Culture and Tourism Division.
Council of Ontario Universities, *Financial Report of Ontario Universities*.
Ministry of Health, Fiscal Resources Branch and *Hospital Statistics*.

Notes: 1. University employees are full-time academic staff only because non-academic employees are not available. The employee numbers are as of the beginning of each school year, i.e. September 30.
2. Hospital employees are full time and part time employees, but exclude those in private and federal hospitals.
3. Prior to 1977, hospital employees are as of December 31 of each year. From 1977 onwards, they are as of March 31.

Chapter 29
Health

Health

Health care in Ontario involves all three levels of government as well as the private sector. Delivery of health care is the responsibility of the Provincial Government. The major component of Provincial activity is through the hospital system, which accounts for 44% of all health spending, and through payments to doctors under the Ontario Health Insurance Plan. The Province administers many other health programs and services, and delegates authority for other services to local governments, particularly through public health units and homes for the aged.

The federal government provides significant funding to provinces for health purposes under the Federal-Provincial Fiscal Arrangements and Established Programs Financing Act. The federal government also provides some direct health services to groups such as members of the Armed Forces, federal civil servants, federal prison inmates and veterans. Other agencies actively involved in the Ontario health care system include non-profit voluntary associations and foundations, and nursing homes. These agencies and institutions obtain revenues from both public and private sources. Private health insurance is funded mostly by employers on behalf of employees, while individuals have out-of-pocket expenses for dental services, drugs and other health items.

This chapter presents financial statistics on health expenditures, employment within the health care system, and selected institutional statistics of a general nature. The financial statistics presented have been consolidated from major sources of data noted in the tables, and adjusted where necessary in order to conform to a fiscal year basis.

The World Health Organization defines health as a 'state of complete physical and mental and social well-being'. This definition is too broad to be workable in a financial context. Therefore, some modifications are necessary. Firstly, it is necessary to distinguish health spending from general assistance programs. In this respect, social spending is classified as health spending only if provided by an organized agency for rehabilitative or retardation services. For example, a retarded person receiving financial support in some form from an institution or association is included to the extent of the financial support. Secondly, the following cost components are excluded from health care expenditures presented in this chapter:

- the costs of providing facilities and incentive for physical fitness other than that covered by rehabilitative services;
- costs associated with water treatment and sewage disposal;
- pension payments resulting from insurance for work time lost, such as provided by sick leave plans, or Workers' Compensation Board;
- health services people perform for themselves, their family or friends;
- unpaid volunteer work, particularly in the hospitals and voluntary associations and foundations.

Total expenditures include, as far as possible, health expenditures from all sources, both public and private. Differences exist with totals developed for Canada and the provinces by the federal Department of Health and Welfare in their publication *Health Expenditures in Canada, 1970-1982*, for the following reasons:

- federal statistics include residential care spending in homes for the aged;
- federal statistics exclude some Provincial Government health expenditures not associated directly with the Ontario Ministry of Health;
- federal statistics do not include post-secondary training for health professionals unless such training occurs in a hospital setting.

The terminology for grouping hospitals in the data presented differs from that used by Statistics Canada. The financial data for hospitals presented in this chapter are consistent over time, and grouped as Public General, Public Mental, Private and Federal. 'Public General' corresponds to the federal designation 'General and Allied Special', with the exception that private hospitals are separated out, and tuberculosis hospitals are included. The category 'Public Mental' corresponds to the federal category Mental, with the exception that hospitals for the retarded and emotionally disturbed children are included. The designation 'Federal Hospitals' is similar in both grouping systems.

The special care facility grouping was introduced in 1976 by Statistics Canada to include all facilities which serve chronically ill or disabled persons on a more or less permanent basis. The category includes nursing homes, homes for the aged, retardation hospitals and homes for emotionally disturbed children. In 1981/82, 1,875 such facilities are identified in Ontario with over 92,000 beds. However, not all these beds should be defined as part of the health care system. For example, the residential program in homes for the aged, homes for delinquents, unmarried mothers, transients, etc., should not be included as health. This presents some problems in terms of incorporating these facilities as a grouping into the health care definition. An even more serious problem is the low number of facilities (about 40%) that report regularly to Statistics Canada. These considerations currently limit the use of the data series on special care facilities for health statistics.

Statistics on numbers of physicians, dentists, nurses, chiropractors, physiotherapists, etc., indicate a basic inventory of trained personnel active in the health care system. Most employment in the health care system is in institutions, particularly in hospitals. In 1981/82, full and part-time employment within hospitals totalled over 145,000. Estimated employment for special care facilities in 1980/81 (latest available information) totals 48,309 full-time and 23,746 part-time.

Sources of Data

Statistics Canada has a wealth of information on hospitals, producing seven regular publications, and many occasional reports available in Catalogue series number 83. The Ontario Ministry of Health publishes *Hospital Statistics* on an annual basis. More detailed information on employment in the health care system is available in the *Canada Health Manpower Inventory*, developed by the federal Department of Health and Welfare. Statistics on nurses can differ dramatically, depending on whether they are registered, active or non-active, full-time or part-time or casual/seasonal. Statistics in this chapter show number of nurses and nursing assistants in terms of active full-time equivalents. Other information on health manpower is published by Statistics Canada. For example, there are four publications dealing with nursing. Also, the Ministry of Health develops statistics on health manpower within the Policy Analysis and Research Branch. Further information on health care statistics can be obtained from the Data Development and Evaluation Branch of the Ministry of Health, telephone Toronto, 965-8163.

Health

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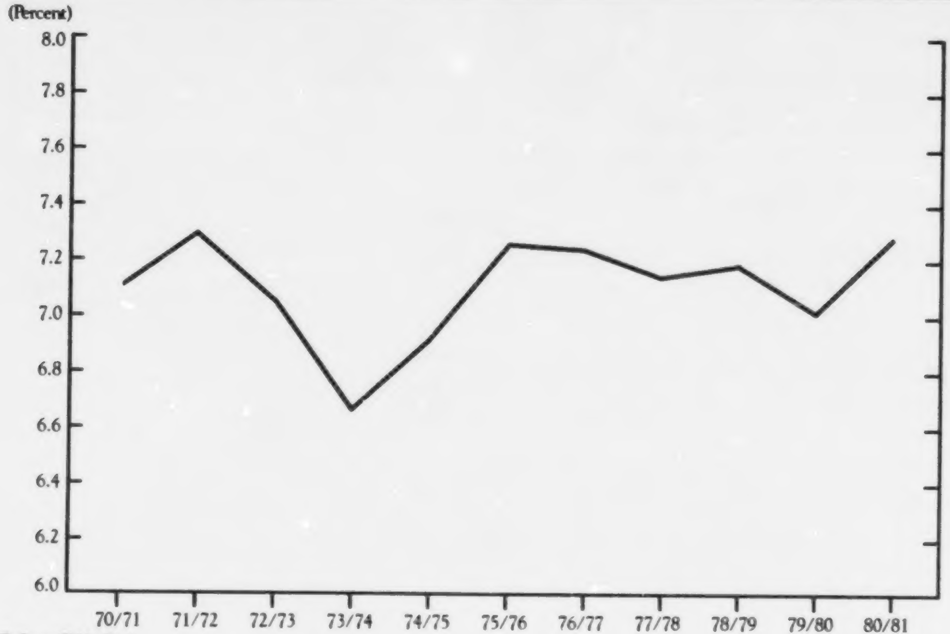
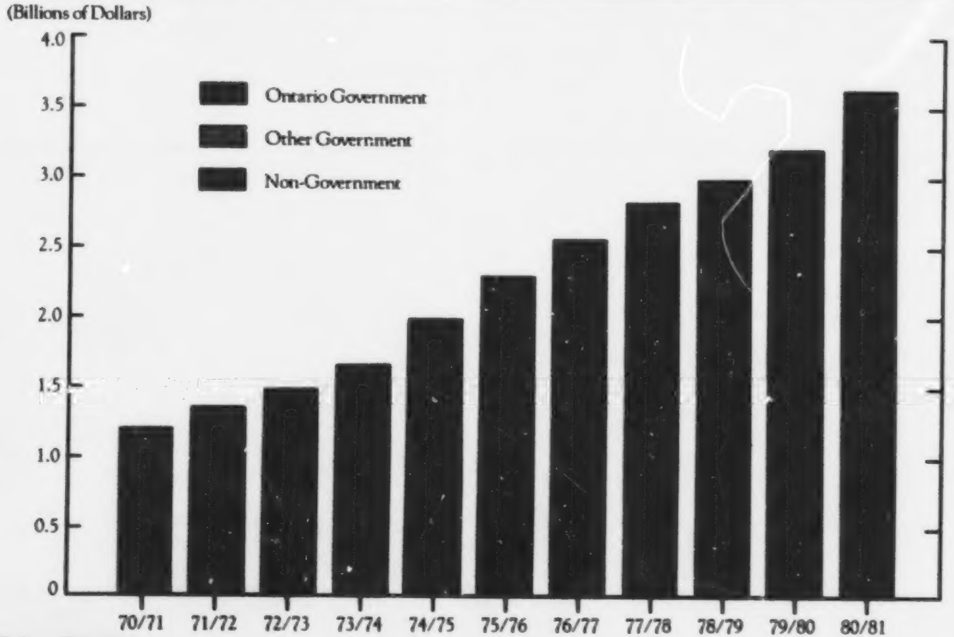
29.23 Psychiatric In-Patient Facilities by Type of Institution, Ontario, 1978/79 to 1981/82
29.24 Special Care Facilities and Beds by Type of Ownership and Principal Characteristics of Residents, Ontario, 1977/78 to 1981/82

Chart 29.1 Health Expenditures as a Percentage of Gross Provincial Product, Ontario, 1970/71 to 1980/81



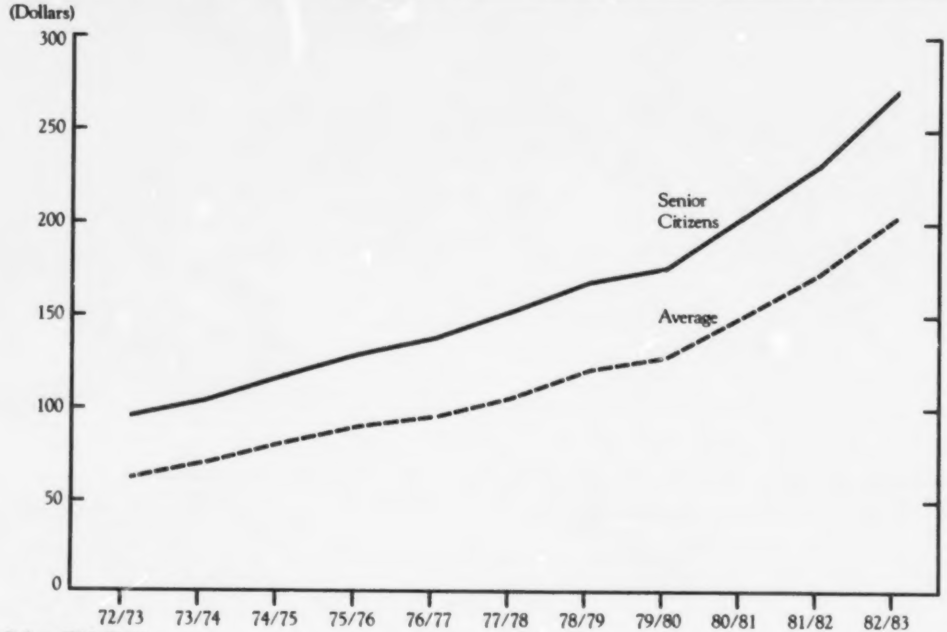
Refer to Table 29.1

Chart 29.2 Revenues of Hospitals by Source, Ontario, 1970/71 to 1980/81



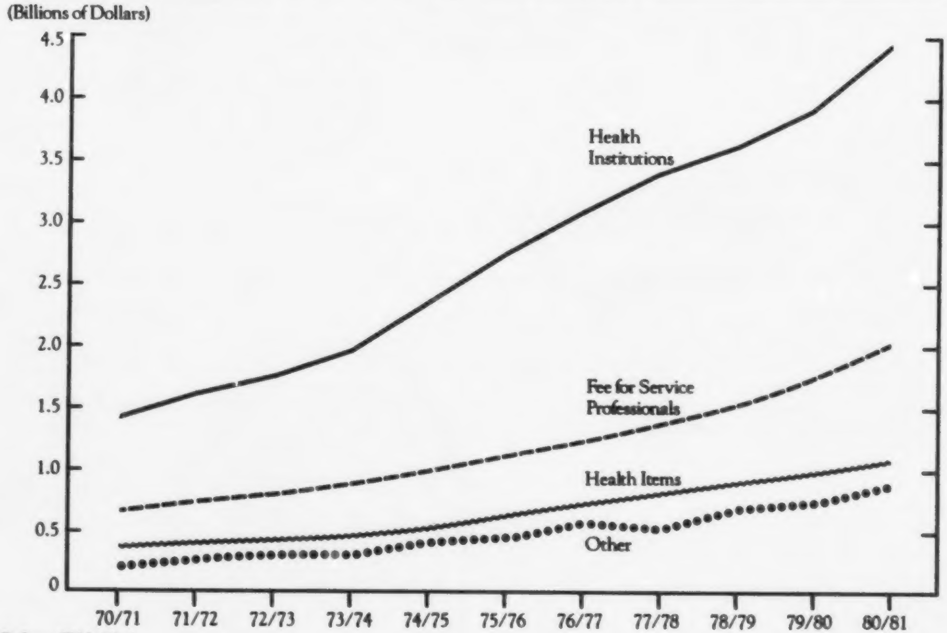
Refer to Table 29.9

Chart 29.3 OHIP, Average Per Capita Costs, Ontario, 1972/73 to 1982/83



Refer to Table 29.17

Chart 29.4 Health Expenditures by Type, Ontario, 1970/71 to 1980/81



Refer to Table 29.1

Table 29.1 **Health Care Expenditures by Type of Spending, Ontario, 1970/71 to 1980/81**

	Health Institutions				Fee-For-Service Professionals		
Year	All Hospitals	Nursing Homes & Homes For the Aged	Associations, Foundations and WCB	Total	Physicians	Dentists & Others	Total
				$ millions			
1980/81	3,622.9	489.2	300.2	4,412.2	1,339.9	656.9	1,996.8
1979/80	3,187.5	434.2	260.1	3,881.9	1,153.0	564.3	1,717.2
1978/79	2,969.4	383.2	231.1	3,588.8	1,013.0	489.7	1,502.7
1977/78	2,815.1	351.2	203.8	3,370.1	913.0	435.7	1,348.6
1976/77	2,565.0	311.0	184.1	3,060.2	831.4	377.7	1,209.1
1975/76	2,303.2	256.3	167.9	2,727.4	767.1	325.7	1,092.8
1974/75	1,970.5	214.2	141.9	2,326.6	676.0	275.8	951.8
1973/74	1,647.8	175.3	119.2	1,942.3	597.4	245.8	843.2
1972/73	1,474.0	140.0	110.1	1,724.1	557.7	211.0	768.7
1971/72	1,344.7	135.5	99.5	1,579.8	520.5	188.2	708.7
1970/71	1,187.7	118.0	89.2	1,395.0	464.1	162.8	626.9

Table 29.1 (cont'd.)

	Health Items					
Year	Prescribed Drugs	Non-prescribed Drugs & Supplies	Eyeglasses, Hearing Aids, Prosthetics	Total	Other	Total
				$ millions		
1980/81	447.0	477.1	134.6	1,058.7	859.6	8,327.3
1979/80	396.7	424.6	121.0	942.2	719.2	7,260.6
1978/79	365.4	390.0	110.7	866.1	667.8	6,625.4
1977/78	325.9	351.2	100.5	777.5	502.6	5,998.9
1976/77	293.6	319.4	88.5	701.5	552.4	5,523.2
1975/76	252.1	279.2	77.7	609.0	433.2	4,862.4
1974/75	203.2	229.8	68.4	501.4	398.2	4,178.0
1973/74	176.8	204.9	58.3	440.0	284.5	3,510.1
1972/73	160.8	189.6	52.2	402.6	287.1	3,182.5
1971/72	149.9	178.8	44.5	373.2	252.7	2,914.4
1970/71	139.9	168.9	35.7	344.5	192.5	2,558.8

Source: Ministry of Treasury and Economics, Statistical Services Branch.

Notes:
1. Data refer to fiscal year ending March 31.
2. All Hospitals includes public general and mental (for operating and capital expenditures), and private and Federal hospitals (for operating expenditures).
3. Homes for the Aged includes only the extended care component; that is, the residential care program is not considered to be part of health care.
4. See Table 29.12 for a listing of health associations and foundations included above. In this table, Workers' Compensation Board contains health spending only, not pension payments.
5. Under Fee-For-Service Professionals, Other includes chiropractors, optometrists, podiatrists, osteopaths, and nurses in private practice. For further information see Table 29.13.
6. Other includes government health programs and administration not elsewhere noted, on-the-job health services to employees, and overhead relating to private health insurance.

Table 29.2 Health Expenditures by Sector, Ontario, 1970/71 to 1980/81

Year	Business Enterprises			Individuals		
	Supplementary Premiums	Other	Total	Supplementary Premiums	Other	Total
	$ millions					
1980/81	422.6	108.1	530.7	81.2	1,730.0	1,811.1
1979/80	341.2	96.5	437.7	71.6	1,522.2	1,593.7
1978/79	272.6	75.6	348.2	58.1	1,362.6	1,420.7
1977/78	231.0	60.5	291.4	56.1	1,174.9	1,231.0
1976/77	186.5	51.9	238.4	44.8	1,094.2	1,139.0
1975/76	154.2	49.6	203.8	29.1	973.7	1,002.8
1974/75	118.9	47.4	166.3	23.3	862.2	885.5
1973/74	92.1	46.0	138.1	20.9	782.8	803.7
1972/73	73.7	34.1	107.8	21.7	691.1	712.8
1971/72	61.0	30.9	91.9	21.6	669.0	690.6
1970/71	51.4	29.8	81.2	20.9	603.0	623.9

Table 29.2 (cont'd.)

Year	Governments & WCB					
	Provincial	Local	Federal (Direct)	Workers' Compensation Board	Total	Total
	$ millions					
1980/81	5,598.5	115.5	193.0	78.6	5,985.5	8,327.3
1979/80	4,892.9	95.8	171.6	68.9	5,229.2	7,260.6
1978/79	4,528.2	99.9	164.7	63.8	4,856.5	6,625.4
1977/78	4,187.3	82.3	149.1	57.7	4,476.4	5,998.9
1976/77	3,876.2	73.9	141.9	53.7	4,145.8	5,523.2
1975/76	3,405.9	69.9	131.0	49.0	3,655.8	4,862.4
1974/75	2,898.8	62.0	124.2	41.2	3,126.2	4,178.0
1973/74	2,376.4	56.4	97.7	37.7	2,568.2	3,510.1
1972/73	2,176.8	57.3	92.4	35.5	2,361.9	3,182.5
1971/72	1,964.2	49.6	83.6	34.4	2,131.8	2,914.4
1970/71	1,701.8	44.2	74.2	33.6	1,853.8	2,558.8

Source: Ministry of Treasury and Economics, Statistical Services Branch.

Notes: 1. See Table 29.1, note 1.

2. Business Enterprises includes crown corporations operating in Ontario. Supplementary Premiums refers to premium payments by employers for health fringe benefits other than OHIP. Other is comprised of employee health services provided on the job, and contributions to health organizations and hospitals.

3. Other for Individuals includes spending on dentists, drugs, eyeglasses, etc. as well as contributions to hospitals and health associations.

4. Expenditures by local governments are net of provincial transfers. Expenditures of Local and Federal Governments exclude OHIP fringe benefits paid for employees in order to avoid double-counting in the total.

5. OHIP premiums are considered a general purpose tax rather than a health related expenditure.

Table 29.3 Health Expenditures of the Provincial Government by Ministry, Ontario, 1970/71 to 1980/81

	Direct Expenditures by Ministry							
Year	Health	Community & Social Services	Government Services	Labour	Attorney General Solicitor General Correctional Services	Colleges & Universities &Education	Fringe Benefits Not Elsewhere Covered	Total
					$ millions			
1980/81	322.6	170.6	14.8	13.4	12.2	1.8	9.9	545.4
1979/80	293.6	155.9	13.7	10.5	10.5	1.6	8.7	494.6
1978/79	266.3	144.3	15.4	7.3	10.1	1.9	5.1	450.5
1977/78	257.3	136.3	16.7	4.3	8.4	2.1	4.4	429.5
1976/77	256.7	135.3	20.0	0.8	9.1	1.5	4.1	427.6
1975/76	235.0	113.7	21.1	–	7.6	1.3	3.4	382.1
1974/75	212.7	96.9	17.8	–	6.8	1.2	0.4	335.9
1973/74	265.2	–	15.7	–	5.3	1.0	0.4	287.6
1972/73	242.9	–	14.2	–	4.5	0.9	0.4	263.0
1971/72	237.7	–	19.9	–	3.9	0.2	0.4	262.2
1970/71	198.5	–	13.0	–	3.4	0.2	0.3	215.4

Table 29.3 (cont'd.)

	Health Related Transfer Payments by Ministry						
Year	Health	Community & Social Services	Colleges & Universities	Environment	Labour	Total	Total
				$ millions			
1980/81	4,574.2	338.8	136.3	2.2	1.6	5,053.1	5,598.5
1979/80	3,978.3	288.9	125.5	2.4	3.0	4,398.2	4,892.9
1978/79	3,699.8	257.8	116.1	2.4	1.5	4,077.7	4,528.2
1977/78	3,422.8	221.8	110.1	2.0	0.1	3,757.8	4,187.3
1976/77	3,182.0	159.5	106.0	1.2	–	3,448.7	3,876.2
1975/76	2,784.2	141.0	97.9	0.7	–	3,023.8	3,405.9
1974/75	2,365.5	111.8	85.7	–	–	2,562.9	2,898.8
1973/74	1,929.1	84.9	74.7	–	–	2,088.8	2,376.4
1972/73	1,790.2	73.9	49.7	–	–	1,913.8	2,176.8
1971/72	1,592.5	65.4	44.0	–	–	1,702.0	1,964.2
1970/71	1,392.2	54.0	40.2	–	–	1,486.4	1,701.8

Sources: Ministry of Treasury and Economics, *Ontario Public Accounts*.
Statistical Services Branch.
Ontario Ministries listed above.

Notes: 1. See Table 29.1, note 1.

2. Total expenditures includes spending by the Ministry of Health, and health spending by other Ministries. Fringe benefits includes dental, supplementary health, and health component of Workers' Compensation Board.

3. Ministry of Community and Social Services includes retardation hospitals and health items relating to children's correctional services as direct expenditures. Under transfers are included the following: health items for general welfare assistance, Family Benefits, and children's aid societies; children's mental health facilities; homes for the aged; non-provincial retardation hospitals; other retardation services; and services to disabled.

4. Ministry of Government Services includes the following: capital and repair expenditures for Provincially owned hospitals and facilities; leasing costs for Ministry of Health; and health services to employees from 1975/76 on (transferred from Ministry of Health in 1975/76).

5. Justice ministries health costs relate to prison inmates, coroner and pathology services, psychiatric evaluations, etc.

6. Ministry of Colleges and Universities costs include operating grants for post-secondary health training such as medicine, dentistry, nursing, etc.

7. Ministry of Labour costs relate to occupational health, transferred from the Ministry of Health in 1976/77.

Table 29.4 Gross and Net Health Expenditures of Local Governments, Ontario, 1970/71 to 1980/81

Year	Local Health Agencies	Municipal Homes for TheAged	Ambulance Services	Contri-butions to Public Hospitals	General Welfare Assistance	Other	Total	Total Net of Ontario Government Grants
				$ millions				
1980/81	104.4	148.3	31.4	27.2	13.7	16.0	341.1	115.5
1979/80	92.7	129.7	23.5	21.9	12.6	14.2	294.6	95.8
1978/79	86.3	117.2	18.6	28.3	11.1	10.5	271.9	99.9
1977/78	79.7	107.4	16.0	26.1	9.1	8.2	246.4	82.3
1976/77	72.7	101.0	13.9	22.2	9.6	6.5	225.9	73.9
1975/76	65.9	89.2	8.8	21.1	13.6	6.7	205.3	69.9
1974/75	56.1	71.6	6.2	19.7	17.4	5.7	176.8	62.0
1973/74	46.8	61.7	5.2	16.8	20.8	4.8	156.1	56.4
1972/73	41.4	54.4	4.6	19.2	23.4	4.4	147.3	57.3
1971/72	37.1	56.1	4.1	15.8	26.6	4.4	144.2	49.6
1970/71	32.7	49.2	3.7	14.5	21.5	3.8	125.5	44.2

Sources: Statistics Canada, Public Finance Division and Construction Division.
Ministry of Treasury and Economics, Statistical Services Branch.
Ministries of Health, Community and Social Services, and Municipal Affairs and Housing.

Notes:
1. See Table 29.1, note 1.
2. All columns show gross expenditures except for Contributions to Public Hospitals.
3. Other includes health benefits (supplementary, dental, WCB), on-the job health services to municipal employees, nursing services, and health items for Children's Aid Societies.

Table 29.5 Direct Health Expenditures of the Federal Government in Ontario, 1970/71 to 1980/81

Year	Health & Welfare	National Defense	Veterans Affairs	Solicitor General	Other	Health Fringe Benefits to Employees	Total
				$ millions			
1980/81	117.1	28.8	30.0	5.9	4.0	7.3	193.0
1979/80	102.2	26.1	28.7	5.2	2.9	6.5	171.6
1978/79	99.9	24.4	27.8	5.0	2.6	5.0	164.7
1977/78	80.8	21.8	35.5	4.7	2.0	4.1	149.1
1976/77	75.2	22.5	34.5	3.8	2.0	3.9	141.9
1975/76	67.3	22.5	32.1	3.8	1.7	3.6	131.0
1974/75	71.2	18.9	26.2	2.9	1.6	3.3	124.2
1973/74	52.0	15.6	23.5	2.4	1.3	2.9	97.7
1972/73	50.7	13.7	22.4	2.0	1.1	2.4	92.4
1971/72	45.0	12.4	20.8	1.9	1.0	2.5	83.6
1970/71	41.9	11.2	15.4	1.7	0.9	3.2	74.2

Sources: Federal Departments noted above.
Ministry of Treasury and Economics, Statistical Services Branch.

Notes:
1. See Table 29.1, note 1.
2. The Department of Health & Welfare spending is apportioned to Ontario using population share. It includes medical services program, health protection, health care program, and Medical Research Council.
3. National Defense includes the Medical Centre in Ottawa, and base hospitals and clinics in Ontario.
4. Veterans Affairs includes Westminister Hospital until 1977/78 (became public general), Rideau Veterans Home, and costs associated with health services to veterans and their families.
5. Solicitor General includes the Regional Psychiatric Centre in Kingston, and health centres located within federal prisons and detention centres in Ontario.
6. Other includes health expenditures and grants by various federal departments, relating mostly to research.
7. Benefits include supplementary health, and health component of payments to WCB.

Table 29.6 Mental Health Expenditures, Ontario, 1970/71 to 1980/81

Year	Hospital Based Public Mental	 Public General	 Private	 Federal	 Total
			$ millions		
1980/81	456.0	147.4	10.8	0.9	615.2
1979/80	404.7	127.6	9.7	0.9	543.0
1978/79	382.0	107.9	9.1	0.7	499.6
1977/78	374.9	107.0	8.7	0.8	491.4
1976/77	353.3	84.3	8.9	0.9	448.3
1975/76	307.3	66.5	12.9	1.2	387.9
1974/75	269.8	58.5	11.1	9.5	348.9
1973/74	237.9	46.5	9.0	10.9	304.4
1972/73	217.9	40.2	7.1	10.1	275.3
1971/72	198.4	36.5	5.9	9.3	250.1
1970/71	165.5	30.5	5.0	8.8	209.9

Table 29.6 (cont'd.)

Year	Non-hospital Based Retardation Services	 Homes for Special Care	 Community Mental Health	 OHIP to Psychia-trists	 Other	 Total	Total
				$ millions			
1980/81	69.1	67.0	61.7	53.9	29.4	281.2	896.4
1979/80	54.6	63.1	52.8	44.6	26.3	241.4	784.4
1978/79	44.0	58.3	47.7	39.0	26.9	215.9	715.6
1977/78	37.5	57.0	43.6	34.5	25.2	197.8	689.2
1976/77	26.4	51.3	43.7	30.1	23.0	174.5	622.8
1975/76	20.2	45.3	33.9	27.1	23.9	150.4	538.3
1974/75	12.9	36.8	30.1	23.4	23.3	126.5	475.4
1973/74	5.5	31.4	21.5	19.4	19.5	97.3	401.6
1972/73	5.5	27.7	14.7	18.6	16.7	83.0	358.3
1971/72	2.9	26.5	11.8	17.0	14.6	72.7	322.8
1970/71	1.3	24.5	8.6	15.5	13.2	63.0	272.9

Sources: Statistics Canada, Institutional Division.
Federal Department of Health and Welfare.
Treasury Board of Canada, *Canada Public Accounts.*
Ministry of Treasury and Economics, Statistical Services Branch.
Ontario Public Accounts.
Ministries of Health, Community and Social Services, and Government Services.
Workers' Compensation Board.

Notes: 1. See Table 29.1, note 1.
2. Public General refers to estimates of operating and capital costs of psychiatric units located within public general hospitals.
3. Homes for Special Care provide an institutional care alternative to psychiatric hospitals for appropriate patients. Most of the expenditure is through the nursing home system.
4. Other Non-hospital Based mental health expenditures include voluntary associations, detoxification centres, psychologists and psychometrists in the Ministries of Education, Attorney General and Correctional Services.

Table 29.7 Medical Research Expenditures, Ontario, 1970/71 to 1980/81

Year	Ontario Government	Medical Research Council	Federal Government	Other	Total
			$ millions		
1980/81	14.0	29.1	21.7	51.7	116.4
1979/80	16.7	25.1	19.4	45.4	106.4
1978/79	17.4	23.0	17.2	39.3	96.9
1977/78	15.8	20.8	16.6	34.9	88.2
1976/77	9.1	18.7	14.0	30.7	72.5
1975/76	9.3	17.5	12.4	26.6	65.7
1974/75	8.7	15.8	13.4	25.1	63.0
1973/74	7.2	14.8	11.7	20.8	54.6
1972/73	7.4	13.7	9.7	19.0	49.9
1971/72	6.2	13.0	6.5	16.1	41.8
1970/71	5.5	12.6	4.7	13.5	36.2

Sources: Federal Department of Health and Welfare.
Ministry of Treasury and Economics, Statistical Services Branch.
Ministries of Health, Labour, and Community and Social Services.
Audited statements of voluntary health organizations, and University of Toronto and U.S. Sources.

Notes:
1. See Table 29.1, note 1.
2. Ontario and Federal Governments are net of transfers to other health research organizations.
3. Other includes research expenditures associated with voluntary health organizations, University of Toronto and WCB.

Table 29.8 Health Expenditures Related to Employment, Ontario, 1970/71 to 1980/81

Year	Supplementary Health Paid by Employers	Employee Health Facilities	Workers' Compensation Board	Government Occupational & Regulatory	Total
			$ millions		
1980/81	450.2	68.3	82.7	20.4	621.0
1979/80	364.2	58.5	73.4	17.9	513.7
1978/79	286.5	53.9	67.8	12.9	420.8
1977/78	242.0	49.1	61.5	9.3	361.6
1976/77	195.8	42.8	57.0	6.7	302.2
1975/76	162.4	41.3	51.8	6.1	261.7
1974/75	123.3	33.6	43.1	5.2	205.2
1973/74	95.9	30.6	39.6	4.9	170.8
1972/73	76.8	23.8	37.2	3.8	141.5
1971/72	63.3	20.3	36.1	3.2	122.8
1970/71	55.7	19.6	35.0	2.9	113.1

Sources: Statistics Canada, *Estimates of Employees by Province and by Industry (72-008).*
Local Government Employment, (72-009).
Public Finance Division.
Treasury Board of Canada, *Canada Public Accounts.*
Ministry of Treasury and Economics, *Ontario Public Accounts.*
Statistical Services Branch.
Ministries of Health and Labour.
Workers' Compensation Board.
Canadian Life and Health Insurance Association (CLHIA).

Notes:
1. See Table 29.1, note 1.
2. Supplementary health premiums paid by employers as fringe benefits are estimated.
3. Employee Health Facilities is estimated and refers to expenditures by employers to provide health services and items at the job site.
4. WCB expenditures are health related. Costs associated within pension payments are not part of the health care system.
5. Government Occupational & Regulatory refers to occupational health, chest disease service, civil aviation medicine, and other services provided by government.
6. Total excludes supplementary health paid by WCB in order to avoid double counting.

Table 29.9 Revenues of All Hospitals by Source of Funding, Ontario, 1970/71 to 1980/81

Year	Government					
	Provincial Grants					
	Operating	Capital	Total	Local	Federal	Total
			$ millions			
1980/81	2,893.0	134.5	3,027.4	27.2	47.2	3,101.8
1979/80	2,550.2	109.2	2,659.4	21.9	44.2	2,725.5
1978/79	2,389.0	131.0	2,520.1	28.3	41.6	2,590.1
1977/78	2,354.0	132.1	2,486.1	26.1	38.5	2,550.6
1976/77	2,136.6	119.4	2,256.0	22.2	41.5	2,319.6
1975/76	1,900.7	120.7	2,021.4	21.1	40.9	2,083.4
1974/75	1,593.1	125.2	1,718.3	19.7	32.7	1,770.7
1973/74	1,310.5	114.3	1,424.7	16.8	28.1	1,469.7
1972/73	1,166.6	115.7	1,282.3	19.2	27.1	1,328.6
1971/72	1,050.5	109.0	1,159.5	15.8	24.4	1,199.7
1970/71	922.2	87.6	1,009.7	14.5	20.1	1,044.4

Table 29.9 (cont'd.)

Year	Non-Government					
	Workers' Compensation Board	Individuals & Business Enterprises	Non-residents of Ontario	Organizations Supporting Research	Total	Total
				$ millions		
1980/81	31.1	413.7	54.0	22.2	521.1	3,622.9
1979/80	31.4	365.0	47.4	18.2	462.1	3,187.5
1978/79	33.1	286.6	44.4	15.4	379.4	2,969.4
1977/78	29.3	180.9	39.6	14.7	264.5	2,815.1
1976/77	27.0	168.0	37.5	13.0	245.4	2,565.0
1975/76	26.0	148.9	33.4	11.4	219.7	2,303.2
1974/75	20.2	146.2	23.7	9.7	199.8	1,970.5
1973/74	18.7	132.3	18.9	8.3	178.2	1,647.8
1972/73	17.6	103.6	17.5	6.8	145.5	1,474.0
1971/72	17.2	106.5	15.7	5.6	145.0	1,344.7
1970/71	16.5	107.9	13.8	5.1	143.4	1,187.7

Sources: Statistics Canada, Construction Division.
Federal Departments of Health & Welfare, National Defense and Veterans Affairs.
Treasury Board of Canada, *Canada Public Accounts.*
Ministry of Treasury and Economics, *Ontario Public Accounts.*
Statistical Services Branch.
Ministries of Health, Community and Social Services, Government Services, and Municipal Affairs and Housing.
Workers' Compensation Board.

Notes:
1. See Table 29.1, note 1.
2. Includes public general, public mental (incl. retardation hospitals), private and federal hospitals.
3. Federal includes federal hospitals and payments by the Federal Government to hospitals on behalf of client groups in Ontario such as veterans and prison inmates.
4. Revenue from Individuals & Business Enterprises is determined by subtracting all other sources from total expenditures, which is deemed to be equal to total revenue since hospitals are operated on a non-profit basis.

Table 29.10 Revenues of Nursing Homes, Ontario, 1970/71 to 1980/81

Year	Government			Workers' Compensation Board	Residents & Other	Total
	Provincial	Local	Total			
			$ millions			
1980/81	218.25	0.04	218.29	0.10	105.26	323.55
1979/80	200.01	0.06	200.07	0.15	98.11	298.25
1978/79	182.66	0.07	182.73	0.18	83.55	266.28
1977/78	171.28	0.09	171.37	0.17	66.24	237.60
1976/77	148.15	0.13	148.28	0.16	55.00	203.28
1975/76	128.28	0.22	128.50	0.13	39.67	168.17
1974/75	102.71	0.23	102.99	0.11	33.30	136.30
1973/74	84.88	0.39	85.26	0.10	22.19	107.45
1972/73	68.34	0.81	69.15	0.08	20.71	89.87
1971/72	41.37	1.10	42.47	0.06	31.88	74.35
1970/71	36.60	0.90	37.50	0.05	26.69	64.20

Sources: Ministry of Treasury and Economics, Statistical Services Branch.
Ministries of Health and Community and Social Services.
Workers' Compensation Board.

Notes: 1. See Table 29.1, note 1.
2. Revenues from Ontario for the following programs: extended care; homes for special care; homes temporarily approved for chronic care; and general welfare assistance.
3. Total revenues exceed total expenditures since nursing homes operate on a profit based system.

Table 29.11 Revenues of Homes for the Aged (Health Component), Ontario, 1970/71 to 1980/81

Year	Municipal Homes			Charitable Homes				Total
	Ontario & Local Governments	Residents	Total	Ontario Government	Sponsoring Agencies	Residents	Total	
				$ millions				
1980/81	108.84	39.49	148.33	20.03	6.20	11.49	37.72	186.05
1979/80	94.28	35.37	129.66	17.38	4.37	9.90	31.65	161.30
1978/79	87.08	30.12	117.20	14.88	4.37	7.89	27.14	144.34
1977/78	80.69	26.70	107.38	13.56	4.62	7.33	25.51	132.89
1976/77	77.36	23.66	101.02	11.91	4.62	6.12	22.65	123.67
1975/76	69.66	19.55	89.21	10.45	3.94	5.01	19.40	108.61
1974/75	55.18	16.44	71.61	8.93	2.53	4.13	15.58	87.19
1973/74	48.35	13.33	61.68	7.81	2.02	3.70	13.52	75.20
1972/73	43.60	10.78	54.38	5.24	1.87	4.72	11.82	66.20
1971/72	37.46	18.63	56.09	3.41	1.37	5.36	10.14	66.23
1970/71	32.88	16.33	49.21	3.09	1.29	4.62	9.00	58.21

Sources: Ministry of Treasury and Economics, Statistical Services Branch.
Ministry of Community and Social Services.

Notes: 1. See Table 29.1, note 1.
2. Homes for the Aged are operated by municipalities or by sponsoring agencies. They provide two distinct programs: residential care and extended care. In this table residential care is excluded. Extended care (from 1972/73) requires a minimum one and one half hours of nursing and personal care per day.
3. Revenues for capital expenditures are included and estimated by apportioning total capital expenditures according to the number of beds in the extended care program.
4. Total revenues equal total expenditures since homes for the aged are operated on a non-profit basis.

Table 29.12 Health Expenditures by Voluntary Organizations, Ontario, 1980/81

	Expenditure $ '000's
Mental Health Related	
Canadian Mental Health Association-Ontario Division	1,751
Ontario Association for the Mentally Retarded	2,569
Ontario Mental Health Foundation	1,840
Integra Foundation	366
Alcoholism & Drug Addiction Foundation	23,050
Disease Related	
Canadian Cancer Society-Ontario Division	23,546
Ontario Cancer Treatment & Research Foundation	21,794
Ontario Heart Foundation	10,671
Ontario Lung Association	2,319
Kidney Foundation of Canada-Ontario Division	866
Disability Related	
Canadian Arthritis & Rheumatism Society-Ontario Division	4,063
Canadian National Institute for the Blind-Ontario Division	5,702
Canadian Hearing Society	2,576
Canadian Cystic Fibrosis Foundation	741
Canadian Paraplegic Association-Ontario Division	426
Muscular Dystrophy Association	2,124
Multiple Sclerosis Society of Canada-Ontario Division	2,232
Ontario Society for Crippled Children	6,837
Toronto Rehabilitation Centre	2,194
Goodwill Services	5,777
March of Dimes	5,041
Traffic Injury Research Foundation	357
Health Services Related	
Canadian Red Cross-Ontario Division & Blood Transfusion	44,868
St. John Ambulance-Ontario Council & Branches	2,496
St. Elizabeth Visiting Nurses Association	2,006
Victorian Order of Nurses-Ontario Division	20,516
Agencies Granting Health Awards	
Physicians Services Inc. Foundation	1,984
Atkinson Charitable Foundation (Health Only)	723
Hospital for Sick Children Foundation	6,744
J.P. Bickell Foundation	1,733
United States National Institute of Health	2,366
W.K. Kellogg Foundation	443
Total Gross	210,718
Total Net of Government Funding	102,243

Sources: Ministry of Treasury and Economics, Statistical Services Branch.
Audited statements and contact with the organizations listed above.

Notes:
1. See Table 29.1, note 1.
2. The above does not include some of the smaller organizations in terms of dollar value.
3. Government funding in this context includes both grants and payments for services rendered.
4. Muscular Dystrophy and Cystic Fibrosis are apportioned from Canadian totals to Ontario using population share.
5. Similar information for years back to 1970/71 is available from Statistical Services Branch.

Table 29.13 Gross Income of Selected Health Professionals, Ontario, 1970/71 to 1980/81

	Fee-for-Service Health Professionals					Salaried	
Year	Physicians	Dentists	Chiropractors	Optometrists	Podiatrists & Osteopaths	Physicians	Dentists
				$ millions			
1980/81	1,339.9	556.0	61.3	32.2	7.0	99.7	4.2
1979/80	1,153.0	474.2	54.8	28.3	6.5	91.1	3.7
1978/79	1,013.0	409.6	47.6	26.4	5.7	102.6	3.7
1977/78	913.0	360.8	43.4	25.5	5.5	95.9	3.1
1976/77	831.4	308.2	39.3	24.5	5.4	88.4	2.7
1975/76	767.1	264.0	33.7	22.6	5.1	81.8	2.5
1974/75	676.0	222.5	28.5	20.1	4.4	74.2	2.2
1973/74	597.4	199.6	24.2	18.2	3.6	65.7	1.9
1972/73	557.7	169.4	20.8	16.6	3.5	60.5	1.6
1971/72	520.5	150.7	17.9	15.3	3.3	54.1	1.4
1970/71	464.1	129.2	15.4	14.4	3.0	49.7	1.3

Sources: Federal Department of Health and Welfare.
Ministry of Treasury and Economics, Statistical Services Branch.

Notes:
1. See Table 29.1, note 1.
2. Gross income refers to income before taxes and operating expenses of practice.
3. Gross income for Fee-for-Service Physicians includes revenues from OHIP, uninsured services, extra-billing, examinations at the request of third parties, WCB payouts for clients, etc.
4. Salaried Physicians and Dentists refer to those employed by hospitals, government, WCB, and private business (latter estimated).

Table 29.14 Expenditures on Drugs and Other Health Items, Ontario, 1970/71 to 1980/81

	Drugs				Health Items			
Year	Retail/ Prescribed	Retail/Non-prescribed	Non-retail	Total	Eyeglasses	Hearing Aids	Prosthetic Appliances	Total
				$ millions				
1980/81	447.0	409.5	98.1	954.6	98.6	10.9	25.1	134.6
1979/80	396.7	363.4	83.4	843.4	88.0	9.8	23.2	121.0
1978/79	365.4	334.8	73.4	773.5	82.0	7.5	21.2	110.7
1977/78	325.9	298.5	62.7	687.1	75.5	5.6	19.4	100.5
1976/77	293.6	269.0	56.8	619.4	66.7	4.6	17.2	88.5
1975/76	252.1	231.0	50.8	533.9	58.0	4.7	15.0	77.7
1974/75	203.2	186.2	42.5	432.0	50.9	4.2	13.3	68.4
1973/74	176.8	162.5	37.2	376.5	44.6	3.6	10.1	58.3
1972/73	160.8	148.4	33.8	343.0	40.2	3.4	8.6	52.2
1971/72	149.9	138.7	31.6	320.2	34.0	3.2	7.3	44.5
1970/71	139.9	129.9	29.9	299.7	26.6	3.1	5.9	35.6

Sources: Statistics Canada, *Retail Commodity Surveys of 1968 and 1974*, (63-518, 63-526).
Federal Departments of Health and Welfare, and National Defense.
Ministry of Treasury and Economics, Statistical Services Branch.
Ministry of Health.

Notes:
1. See Table 29.1, note 1.
2. The Ontario Drug Benefit Plan is reflected within retail sales.
3. Non-retail Drugs are those distributed by suppliers mainly to Ontario Hospitals.
4. The Total for Drugs excludes drugs supplied for promotion or for experimental purposes.
5. Eyeglasses dispensed by opticians and optometrists, including contact lenses.

Table 29.15 Private Health Insurance, Ontario, 1970/71 to 1980/81

	Premiums Received			Claims Paid Out by Type of Plan					
Year	Group Plans	Individual Plans	Total	Dental	Extended Health	Supplementary Hospital	Drug Plan	Other	Total
					$ millions				
1980/81	500.2	31.1	531.3	236.8	163.1	37.4	35.1	8.5	480.9
1979/80	404.6	31.1	435.7	187.1	134.9	38.5	33.0	7.7	401.2
1978/79	318.3	26.2	344.6	141.2	111.2	37.0	30.1	6.6	326.0
1977/78	275.0	23.1	298.1	105.2	93.7	33.7	28.6	4.1	265.4
1976/77	222.5	18.1	240.6	74.6	78.5	32.2	26.8	2.8	214.8
1975/76	184.6	6.9	191.5	49.1	61.9	26.2	24.2	1.7	163.0
1974/75	141.8	4.9	146.7	25.2	48.5	22.6	21.7	0.4	118.4
1973/74	112.8	4.0	116.8	13.7	37.1	19.8	18.9	–	89.5
1972/73	94.8	3.6	98.5	6.8	31.1	19.3	17.2	–	74.5
1971/72	82.5	3.5	86.0	3.6	26.5	21.3	16.0	–	67.5
1970/71	74.3	2.3	76.6	1.3	28.0	21.8	14.0	–	65.1

Sources: Ministry of Treasury and Economics, Statistical Services Branch.
Ministry of Consumer and Commercial Relations, Financial Institutional Division.
Canadian Life and Health Insurance Association (CLHIA).

Notes:
1. See Table 29.1, note 1.
2. Private health insurance composed of non-profit and CLHIA companies. CLHIA amalgamated in 1981 from the former Canadian Association of Accident and Sickness Insurers and the Canadian Life Insurance Association. Non-profit companies include Blue Cross, Green Shield, Cumba, Quebec Hospital Association (Ontario business only), Co-operative Health Services of Ontario (ceased operations in 1980), and Delta Dental Plan from commencement in 1972/73 until 1976 when it merged with Co-operative Health Services. Also includes various non-profit organizations in existance during 1970/71 and 1971/72.
3. Other Claims Paid Out includes vision care, nursing home plan, prosthetics, visitors health plan, and health plan while outside Canada.

Table 29.16 Distribution of OHIP Payments to Physicians/Practitioners, Ontario, 1972/73 to 1982/83

Year	Fee-for-Service Payments to Health Professionals							
	Medical	Chiropractic	Optometric	Physiotherapy	Dental	Chiropody	Osteopathic	Total
	$ millions							
1982/83	1,666.1	41.6	30.4	12.2	6.6	4.3	0.4	1,761.7
1981/82	1,393.6	36.9	25.1	10.1	5.9	3.7	0.4	1,475.7
1980/81	1,199.5	32.7	21.5	10.0	5.4	3.4	0.4	1,272.8
1979/80	1,008.0	28.4	18.3	8.5	4.5	3.1	0.4	1,071.2
1978/79	954.0	26.0	17.7	5.0	4.7	3.2	0.5	1,011.0
1977/78	836.9	22.9	14.8	–	4.0	3.0	0.4	881.9
1976/77	743.6	19.9	12.9	–	4.5	2.6	0.5	784.0
1975/76	688.0	18.4	11.8	–	6.4	2.8	0.5	728.0
1974/75	604.3	17.5	9.3	–	6.0	2.6	0.5	640.3
1973/74	530.1	17.0	6.7	–	5.7	2.3	0.6	552.4
1972/73	505.4	15.3	6.8	–	5.9	2.0	0.7	536.1

Table 29.16 (cont'd.)

Year	Other				
	Out-of-Province	Capitation	Physician Salaries & Other	Total	Total
	$ millions				
1982/83	57.1	13.6	17.2	88.0	1,849.6
1981/82	40.6	12.8	13.9	67.3	1,543.0
1980/81	38.6	10.4	12.5	61.5	1,334.3
1979/80	32.7	5.8	12.3	50.9	1,122.0
1978/79	–	4.2	13.0	17.3	1,028.3
1977/78	–	3.7	12.6	16.2	898.2
1976/77	–	4.7	11.6	16.3	800.3
1975/76	–	4.7	9.5	14.2	742.1
1974/75	–	3.5	5.9	9.4	649.6
1973/74	–	3.1	5.0	8.1	560.5
1972/73	–	2.1	2.4	4.5	540.6

Source: Ministry of Health, *OHIP Practitioner Care Statistics*.

Notes:
1. See Table 29.1, note 1.
2. Third party recoveries and adjustments are reflected in Total Fee-for-Service Payments.
3. Data accumulated by month payment is made.
4. See Table 29.13, note 3, regarding gross income of physicians and relationship to OHIP.
5. Capitation payments involve special payment arrangements to physicians relating to health service organizations (HSO). Within an HSO, a group of doctors is paid a fixed amount per person for a number of individuals placed under their care.

Table 29.17 Distribution of OHIP Payments and Average Per Capita Costs by Category, Ontario, 1972/73 to 1982/83

Year	Distribution of OHIP Payments by Category							
	Group	Full-pay	Partially Assisted	Fully Assisted	Senior Citizens	Welfare	Veterans	Total
				$ millions				
1982/83	971.0	230.0	0.4	103.4	350.6	94.5	9.2	1,759.0
1981/82	841.4	195.9	0.3	73.4	285.0	74.5	7.4	1,477.9
1980/81	733.7	173.6	0.3	59.5	238.0	63.0	6.2	1.274.2
1979/80	626.9	145.7	0.2	46.8	193.7	52.9	5.4	1,071.6
1978/79	596.3	143.5	0.2	40.4	175.4	50.3	5.1	1,011.3
1977/78	519.8	135.7	0.3	30.5	149.0	42.5	4.4	882.2
1976/77	468.4	123.7	0.3	24.2	127.9	36.9	3.6	785.0
1975/76	440.6	116.4	1.6	19.3	113.9	33.3	3.1	728.3
1974/75	395.0	100.3	1.8	17.6	98.2	27.4	2.5	642.8
1973/74	342.8	84.2	1.7	17.3	81.3	24.5	1.9	553.7
1972/73	..	..	..	..	..	..	..	536.1

Table 29.17 (cont'd.)

Year	Average Per Capita Costs by Category							
	Group	Full-pay	Partially Assisted	Fully Assisted	Senior Citizens	Welfare	Veterans	Average
				dollars				
1982/83	184.0	228.4	47.9	191.4	269.8	185.5	221.1	202.7
1981/82	155.8	196.2	54.3	164.8	230.6	159.2	186.7	172.0
1980/81	136.2	167.7	33.3	143.3	202.7	130.2	164.1	149.2
1979/80	116.2	138.9	27.3	119.9	174.3	109.5	140.7	126.4
1978/79	110.5	133.1	56.1	111.5	167.0	104.0	135.4	120.2
1977/78	96.3	115.4	48.6	87.0	151.5	86.1	116.7	104.5
1976/77	86.9	104.9	33.6	76.9	136.3	77.8	106.0	94.1
1975/76	82.5	95.1	56.4	72.6	127.8	72.2	104.8	88.4
1974/75	73.4	86.3	53.3	65.8	115.6	70.7	94.3	79.2
1973/74	64.8	76.9	27.3	59.4	101.7	61.9	81.7	69.6
1972/73	57.1	68.1	49.5	57.4	94.0	53.7	69.1	61.3

Source: Ministry of Health, *OHIP Practitioner Care Statistics.*

Notes:
1. See Table 29.1, note 1.
2. Based on month of payment.
3. Due to a different categorical presentation, totals for OHIP payments may differ slightly from Fee-for-Service payments for health professionals in Table 29.16.

Table 29.18 Manpower For Selected Health Occupations, Ontario, 1971 to 1981

Year	Active Civilian Physicians				Active Registered Nurses		
	General Practice	Specialists	Interns & Residents	Total	Full-time	Part-time	Total
				number			
1981	7,072	6,947	3,009	17,028	38,283	22,135	62,050
1980	6,980	6,758	2,926	16,664	36,647	20,604	59,106
1979	6,930	6,541	2,838	16,309	36,548	19,494	57,445
1978	6,783	6,385	2,864	16,033	40,157	20,419	60,576
1977	6,818	6,258	2,616	15,692	38,046	18,440	56,486
1976	6,714	6,087	2,450	15,251	38,729	17,988	56,717
1975	6,560	5,918	2,643	15,121	41,514	16,573	58,087
1974	6,241	5,682	2,202	14,125	34,849	13,395	48,234
1973	6,038	5,470	2,215	13,723	33,191	12,665	45,856
1972	5,801	5,259	2,304	13,364	30,888	12,397	43,285
1971	5,509	4,966	2,031	12,506	33,674	10,030	43,704

Table 29.18 (cont'd.)

Year	Dentists	Chiropractors	Optometrists	Podiatrists	Pharmacists	Physio-therapists	Dietitians
				number			
1981	4,637	1,113	701	80	5,813	1,554	1,451
1980	4,510	1,033	687	96	5,724	1,485	1,392
1979	4,410	972	687	90	5,555	1,479	1,337
1978	4,276	890	673	86	5,388	1,432	1,294
1977	4,170	810	639	88	5,247	1,439	1,207
1976	3,928	706	608	90	5,103	1,468	1,133
1975	3,539	706	588	91	4,939	1,323	1,068
1974	3,539	662	552	80	4,814	1,304	932
1973	3,351	623	496	64	4,640	1,169	879
1972	3,242	..	498	75	4,610	1,130	832
1971	3,187	..	498	72	4,531	1,085	788

Table 29.18 (cont'd.)

Year	Dental Hygienists	Medical Laboratory	Medical Radiation	Population Per			
				General Practice Physician	Specialist Physician	Total Physicians	Dentist
				number			
1981	1,853	5,872	3,021	1,225	1,247	509	1,869
1980	1,676	5,612	2,905	1,232	1,273	516	1,907
1979	1,476	5,555	2,786	1,233	1,306	524	1,938
1978	1,266	5,406	2,678	1,250	1,328	529	1,983
1977	1,017	5,681	2,560	1,234	1,344	536	2,018
1976	711	5,455	2,428	1,239	1,367	545	2,118
1975	606	5,090	2,449	1,254	1,390	544	2,325
1974	606	4,587	2,273	1,302	1,430	575	2,296
1973	500	4,047	1,584	1,324	1,462	583	2,386
1972	475	3,381	1,479	1,357	1,497	589	2,428
1971	423	2,959	1,370	1,410	1,564	621	2,438

Source: Federal Department of Health and Welfare, *Canada Health Manpower Inventory.*

Notes:
1. The 1976 total for Interns & Residents is not complete.
2. The numbers for Dentists include part-time. The total number of certified dental specialists for 1981 back to 1971 is as follows: 522, 504, 482, 453, 416, 363, 337, 344, 323, 290, and 263 respectively.
3. Numbers of nurses from 1979 are not strictly comparable to previous years due to a change in methodology. In 1979 to 1981, numbers refer only to nurses registered in Ontario, and employed or living in Ontario. Also totals for 1979 to 1981 include nurses who have not indicated whether full or part-time.

Table 29.19 Full-Time Equivalent Nurses and Nursing Assistants by Place of Employment, Ontario, 1973/74 to 1980/81

	Full-time Equivalent Nurses Employed in:							
Year	Hospitals	Nursing Homes & Homes for the Aged	Public Health	Practitioners Offices	Educational Institutions	Occupational & Private	Other	Total
				number				
1980/81	33,762	2,990	3,483	1,555	1,318	1,554	1.619	46,281
1979/80	32,871	2,994	3,243	1,598	1,328	1,466	1,436	44,936
1978/79	32,620	2,922	3,086	1,569	1,371	1,382	1,388	44,338
1977/78	30,463	2,606	2,788	1,384	1,343	1,276	1,491	41,351
1976/77	29,619	2,455	2,714	1,349	1,455	1,234	1,352	40,178
1975/76	28,377	2,219	2,678	1,335	1,479	1,160	1,728	38,976
1974/75	28,327	2,168	2,548	1,351	1,534	1,087	1,596	38,611
1973/74	27,798	1,998	2,621	1,406	1,722	1,123	1,282	37,950

Table 29.19 (cont'd.)

	Full-time Equivalent Nursing Assistants Employed in:							
Year	Hospitals	Nursing Homes & Homes for the Aged	Public Health	Practitioners Offices	Educational Institutions	Occupational & Private	Other	Total
				number				
1980/81	12,311	2,146	300	344	52	260	623	16,036
1979/80	12,243	2,209	301	349	57	256	547	15,962
1978/79	12,147	2,090	263	319	42	240	584	15,685
1977/78	11,772	2,065	275	288	63	209	628	15,300
1976/77	11,199	1,924	289	298	65	165	922	14,862
1975/76	10,778	1,755	260	288	56	160	1,121	14,418
1974/75	11,035	1,603	228	237	115	185	267	13,670
1973/74	12,200	1,548	262	249	140	217	88	14,704

Sources: Ministry of Treasury and Economics, Statistical Services Branch.
Ministry of Health.
Ontario College of Nurses.

Notes: 1. See Table 29.1, note 1.
2. Assumed two regular part-time, or 5 casual/seasonal are equivalent to one full-time.
3. Other includes nurses and nursing assistants who did not indicate place of employment on their registration form.

Table 29.20 Full-Time Equivalent Nurses and Nursing Assistants by Primary Area of Responsibility, Ontario, 1973/74 to 1980/81

	Nurses							
Year	Medical, Surgical	Maternal &Newborn	Psychiatric	Pediatric	Geriatric	Community	Administrative	Other
				number				
1980/81	16,312	3,500	2,920	2,514	4,987	3,522	2,428	10,098
1979/80	16,041	3,392	2,882	2,438	4,827	3,389	2,234	9,731
1978/79	16,240	3,360	2,826	2,478	4,592	3,269	2,137	9,442
1977/78	15,101	3,265	2,584	2,373	4,180	3,366	1,775	8,707
1976/77	14,765	3,180	2,543	2,301	3,965	3,288	1,726	8,410
1975/76	13,848	3,030	2,393	2,341	3,396	3,118	1,738	9,112
1974/75	12,029	3,036	2,244	2,203	2,965	2,492	2,829	10,813
1973/74	15,171	3,015	2,200	1,985	2,576	3,470	3,396	6,137

Table 29.20 (cont'd.)

Year	Nursing Assistants Medical, Surgical	Maternal &Newborn	Psychiatric	Pediatric	Geriatric	Community	Other	Non-response
				number				
1980/81	5,633	845	1,644	700	4,070	349	1,380	1,415
1979/80	5,522	893	1,653	724	4,013	346	1,654	1,157
1978/79	5,568	879	1,649	754	3,798	319	1,472	1,246
1977/78	5,311	910	1,593	774	3,588	326	1,705	1,093
1976/77	4,991	906	1,627	750	3,314	355	1,547	1,372
1975/76	4,742	901	1,627	804	2,599	299	1,032	2,414
1974/75	4,923	936	1,672	845	2,218	268	839	1,969
1973/74	5,816	1,016	2,297	919	2,685	388	1,189	394

Sources: Ministry of Treasury and Economics, Statistical Services Branch
Ministry of Health.
Ontario College of Nurses.

Notes: 1. See Table 29.1, note 1.
2. See Table 29.19, note 2.
3. Other includes administration, education, and other patient care categories.

Table 29.21 Full-Time and Part-Time Personnel Employed in Hospitals, Ontario, 1978/79 to 1981/82

Year	Public Hospitals Medical	Nursing	Other Professional & Technical	Other & Administrative	Total	Private Non-mental	Federal	Total
					number			
1981/82								
Full-time	1,629	48,216	11,451	44,739	106,035	345	1,111	107,491
Part-time	2,065	20,773	2,051	12,422	37,311	262	107	37,680
Total	3,694	68,989	13,502	57,161	143,346	607	1,218	145,171
1980/81								
Full-time	1,796	47,405	11,054	43,941	104,196	428	1,098	105,722
Part-time	2,294	18,614	1,852	11,564	34,324	292	155	34,771
Total	4,090	66,019	12,906	55,505	138,520	720	1,253	140,493
1979/80								
Full-time	1,719	47,047	10,951	43,120	102,837	412	1,096	104,347
Part-time	2,172	16,841	1,685	10,610	31,308	299	212	31,819
Total	3,891	63,888	12,636	53,730	134,145	711	1,310	136,166
1978/79								
Full-time	1,689	47,462	10,841	43,851	103,843	430	1,054	105,327
Part-time	2,173	15,984	1,577	9,866	29,600	300	115	30,015
Total	3,862	63,446	12,418	53,717	133,443	730	1,169	135,342

Sources: Statistics Canada,Institutional Statistics Section,Health Division.
Mental Health Statistics, (83-205).
Ministry of Health, *Hospital Statistics.*

Notes: 1. See Table 29.1, note 1.
2. In 1981/82, some medical staff are reported within Other Professionals & Technical. Consequently data are not fully consistent with previous years.
3. In this table, Public Hospitals includes three private mental hospitals which could not be separately distinguished from the source data.

Table 29.22 Selected Statistics for All Hospitals, Ontario, 1978/79 to 1981/82

Year	Institutions	Staffed Beds	Occupancy	Days of Care	Average in Hospital Daily	Average Length of Stay	Cost Per Day
	number		%	number		days	$
Public General							
1981/82	228	47,409	86.5	14,895,678	40,810	11.3	231
1980/81	230	47,298	85.3	14,708,852	40,298	11.4	200
1979/80	229	46,968	84.5	14,524,492	39,685	11.0	177
1978/79	230	47,671	83.4	14,506,345	39,743	10.9	164
Public Mental							
1981/82	14	4,942	98.4	1,775,206	4,325	..	140
1980/81	14	4,947	84.7	1,529,392	4,146	..	140
1979/89	14	4,897	86.7	1,544,776	4,232	..	127
1978/79	15	5,110	84.9	1,583,344	4,337	..	123
Private							
1981/82	20	842	92.2	283,310	776	22.7	86
1980/81	20	892	92.0	299,392	820	21.8	76
1979/80	21	893	91.7	299,621	821	22.4	68
1978/79	23	909	94.6	313,725	860	20.7	63
Federal							
1981/82	3	456	58.8	97,039	267	10.7	..
1980/81	3	461	61.0	100,859	277	12.5	..
1979/80	3	479	61.3	106,490	291	11.2	..
1978/79	3	483	63.2	109,601	300	10.8	..
Total							
1981/82	265	53,649	87.7	17,051,233	46,178	..	..
1980/81	267	53,598	85.2	16,638,495	45,541	..	..
1979/80	267	53,237	84.7	16,475,379	45,029	..	..
1978/79	271	54,173	83.6	16,513,015	42,241	..	..

Sources: Statistics Canada, *Mental Health Statistics, (83-205)*
Ministry of Health, *Hospital Statistics*.

Notes:
1. See Table 29.1, note 1.
2. Public Mental includes the ten provincial mental hospitals (11 in 1978/79), the Donwood Institute, the Clarke Institute, Sudbury Algoma, and Royal Ottawa Hospitals.
3. Days of Care for public mental hospitals in 1981/82 includes patients in approved homes and on leave of absence.

Table 29.23 Psychiatric In-Patient Facilities by Type of Institution, Ontario, 1978/79 to 1981/82

Year	Institutions	Bed Capacity	Bed Set-up	Days of Care	Occupancy
			number		%
Public General Units					
1981/82^p	62	2,155	2,155	660,000	84.0
1980/81	62	2,150	2,150	656,357	83.6
1979/80	62	2,215	2,136	647,516	79.9
1978/79	62	2,180	2,084	633,423	79.6
Public Mental					
1981/82	11	4,966	4,519	1,643,663	99.7
1980/81	11	4,997	4,590	1,425,863	78.1
1979/80	11	4,740	4,505	1,424,951	82.0
1978/79	12	5,149	4,718	1,459,059	77.5
Public Psychiatric					
1981/82	3	490	425	132,143	85.5
1980/81	3	420	357	108,109	70.6
1979/80	3	455	392	119,825	72.0
1978/79	3	455	392	124,285	74.8
Private					
1981/82	3	342	337	118,176	96.1
1980/81	3	342	337	118,890	95.2
1979/80	3	342	337	116,516	93.1
1978/79	3	342	337	116,580	93.4
Federal					
1981/82^p	1	26	26	4,745	50.0
1980/81	1	26	26	4,644	48.9
1979/80	1	26	26	5,109	53.7
1978/79	1	26	26	4,218	44.4
Total					
1981/82	80	7,979	7,462	2,558,727	94.0
1980/81	80	7,935	7,460	2,313,943	79.9
1979/80	80	7,778	7,396	2,313,917	81.3
1978/79	81	8,152	7,557	2,337,565	78.3

Sources: Statistics Canada, *Mental Health Statistics, (83-205).*
Institutional Statistics Section, Health Division.
Ministry of Health, *Hospital Statistics.*

Note: See Table 29.1, note 1.

Table 29.24 Special Care Facilities and Beds by Type of Ownership and Principal Characteristics of Residents, Ontario, 1977/78 to 1981/82

Year	Principal Characteristics							
	Aged Persons	Physical Handicap	Retarded	Mental Handicap	Emotionally Disturbed Children	Alcoholism, Drugs	Other	Total
	number							
1981/82								
Facilities	523	91	336	324	310	102	189	1,875
Beds	52,142	5,539	11,791	12,326	4,407	2,492	3,357	92,054
1980/81								
Facilities	538	100	286	325	333	89	724	1,895
Beds	51,187	6,417	11,214	7,659	4,608	1,823	4,287	87,195
1979/80								
Facilities	560	98	151	320	398	31	246	1,804
Beds	51,257	6,954	10,004	7,711	5,355	814	4,398	86,493
1978/79								
Facilities	549	99	151	321	305	31	120	1,576
Beds	50,326	6,935	10,004	7,622	4,578	814	2,181	82,460
1977/78								
Facilities	564	97	43	442	241	33	147	1,567
Beds	49,209	6,427	811	16,918	3,263	789	3,295	80,712

Table 29.24 (cont'd.)

Year	Ownership						
	Proprietory	Religious	Lay	Municipal	Provincial	Federal	Total
	number						
1981/82							
Facilities	1,037	112	569	105	51	1	1,875
Beds	40,269	6,585	15,235	18,935	10,890	140	92,054
1980/81							
Facilities	1,087	108	555	103	41	1	1,895
Beds	40,345	6,599	15,226	18,827	6,058	140	87,195
1979/80							
Facilities	1,133	95	431	101	43	1	1,804
Beds	40,685	6,289	14,332	18,869	6,178	140	86,493
1978/79							
Facilities	996	95	348	101	35	1	1,576
Beds	38,508	6,289	12,797	18,869	5,557	140	82,460
1977/78							
Facilities	1,060	83	285	103	35	1	1,567
Beds	39,084	5,594	8,619	18,643	8,632	140	80,712

Sources: Statistics Canada, *List of Canadian Hospitals and Special Care Facilities, (83-201).*
Institutional Statistics Section, Health Division.

Notes:
1. See Table 29.1, note 1.
2. For people chronically il! or disabled who reside in the facility on a more or less permanent basis. Includes facilities having four or more beds for residents and providing care to at least one resident.
3. Includes retardation hospitals noted under public mental hospitals in previous tables.
4. For 1977/78, the distribution under Retarded and Mental Handicap should be combined when comparing to other years.

Chapter 30
Social Services

Social Services

All three levels of government and the private sector are involved in the provision of social services in Ontario. The Province, through the Ministry of Community and Social Services, provides financial assistance and social services to persons in need. Such services include general welfare assistance (GWA), family benefits assistance (FBA), residential care and community support for the elderly, services for children and assistance for the developmentally and physically handicapped. The Ministry administers the Family Benefits Program and directly provides some services to children and the elderly, such as youth centres for juvenile delinquents, senior citizens' home support services, half-way houses, mental health facilities for children, etc. Municipalities and local agencies are mainly responsible for the administration of GWA, homes for the aged, day nurseries, children's aid societies, and homemakers' and nurses' services. The federal government, through the Canada Assistance Plan (C.A.P.) provides funding for social service programs administered by the Province. Under the Plan, federal contributions amount to 50% of the cost for social assistance, provided that the Province has entered into an agreement. As well, the federal government administers national social security programs such as the Canada Pension Plan, Old Age Security, Family Allowances, War Veterans Allowances and Unemployment Insurance. Non-profit and volunteer organizations such as the Salvation Army, the March of Dimes and the Canadian National Institute for the Blind augment and supplement social services provided by governments.

Statistics in this chapter present data on expenditures and recipients in regard to social services provided by the federal government, the provincial Ministry of Community and Social Services and local governments. Data on programs such as the Ontario Tax Credit, tax grants to senior citizens and farm tax rebates are not included because they are not considered to be social assistance or service programs. Other social programs administered by other ministries, such as welcome houses for new immigrants (Ministry of Citizenship and Culture) are not included.

The Provincial income maintenance programs, such as the GWA and FBA, provide alternative income to persons who are unable to support themselves, or to maintain the well being of recipients and their dependents. GWA is 50% funded by the federal government under the C.A.P., 30% by the Province, and 20% by the municipality. GWA is designed for persons with short-term income problems, primarily the unemployed, the elderly, the sick, the disabled, the blind, parents with foster children and sole-support mothers. Persons with long-term income problems will usually be directed to the Family Benefits program.

The Family Benefits program is administered provincially and funded under the C.A.P. with the federal government paying 50% of the cost and the province paying the remaining 50%. This program is designed to assist persons in need as a result of a major physical or mental impairment, blindness, advanced age, or permanently unemployable for medical reasons, and for sole-support mothers or fathers, foster parents on behalf of their foster children, residents of institutions, handicapped children who remain in a normal family situation, and recipients of vocational rehabilitation training. Under this program, the blind and disabled receive a monthly guaranteed income at the Guaranteed Annual Income System for the Disabled (GAINS-D) rate; other recipients are provided with a monthly Family Benefits allowance.

The Province, through municipalities and agencies, provides residential and extended care services for senior citizens, physically and mentally handicapped persons, children and socially disadvantaged adults. Senior citizens are provided with homes, centres and home support programs. In addition, the Ministry of Revenue administers the Guaranteed Annual Income System for the Aged (GAINS-A), which provides financial assistance to seniors. GAINS-A payments ensure that seniors have an income equal to an established minimum guaranteed by the Province of Ontario.

The Ministry of Community and Social Services supplies specialized treatment and training for mentally retarded persons through group homes, sheltered workshops and life skills programs. Services provided by the Ministry for the care and protection of children include mental health and juvenile correctional programs in addition to child welfare services made available through children's aid societies and day nurseries.

National social security programs are mainly administered by the federal Department of Health and Welfare. Other departments are also involved in the delivery of services. For example, the Department of National Revenue collects Unemployment Insurance and Canada Pension Plan (CPP) contributions, and the Department of Finance administers the CPP Account and Investment Fund.

Old Age Security (OAS) pensions are delivered to eligible senior citizens without regard to income level or demonstrated need. In addition to the basic OAS benefit a senior citizen with little or no taxable income may be eligible for a Guaranteed Income Supplement (GIS). If the applicant has a spouse between the ages of 60 and 65, also with little or no taxable income, the spouse may apply for a spouse's allowance. The Canada Pension Plan provides retirement income to contributors in accordance with years of contributions and level of contributory earnings. The plan is funded by contributions from employers, employees and self employed persons. The benefits include retirement pensions after age 65, surviving spouse's pensions, disability pensions and benefits for children of a disabled contributor. The Veterans Allowance is an income-tested program for war veterans. For veterans over the age of 65, the amount of Old Age Security and Guaranteed Income Supplement to which they are entitled is deducted from their Veterans Allowances.

Unemployment Insurance benefits are provided to contributors who have experienced an interruption of earnings, who are capable and available for work and who are unable to find suitable employment. Those who have contributed for a specified number of weeks during the course of the previous 52 weeks are eligible for unemployment insurance benefits. Benefits provided under the Unemployment Insurance Act include payments for sick leave, maternity leave, retirement, fishing, training, work sharing and job creation. Funding for the program is provided by contributions from employers and employees with the federal government providing supplementary contributions from federal general revenues to cover periods of continuing high unemployment.

Under the Family Allowances Act, family allowances are payable on behalf of children under the age of 18 who are wholly or substantially maintained by a parent or another individual resident in Canada. The payment is normally made to the mother, without regard to income level of the family. A province is allowed to vary by provincial law the rates of federal payments within the province on the basis of age or the number of children in the family. Only Quebec and Alberta have chosen to vary the payment structure.

Sources of Data

The major sources of data on provincial programs are *Expenditures by Municipality, Quarterly Statistical Bulletin*, *Statistical Supplement to the Annual Report* and *Program Resource Summary*, published by the Ministry of Community and Social Services. In addition, the Ministry publishes a number of reports each year on various topics related to social services. From year to year there have been changes in some instances in the breakdown of Ministry programs and/or new programs included, or in the names applied to a program. Therefore, historical data should be read as general indications of volumes and trends. It should be noted that data provided in the *Quarterly Statistical Bulletin* on General Welfare Assistance cover municipalities with population in excess of 20,000 and all county and district administration boards. Together, they account for between 86 to 94% of the total caseload in Ontario, depending on the year considered. On the other hand, the data in the *Statistical Supplement* for GWA reflect the entire province and present 100% of the total caseload. As well, expenditures for homes for the aged presented in this chapter are total spending, while those reported in the previous chapter are expenditures for the health care component only.

Information on the GAINS-A program is supplied by the Pension and Income Support Policy Branch of the Ministry of Treasury and Economics. Further information on Ontario's social programs can be obtained from the Management Information Systems Branch of the Ministry of Community and Social Services, telephone Toronto, 965-3861, while information on Ontario's Guaranteed Income System for the Aged can be obtained from the Guaranteed Income and Tax Credit Branch of the Ministry of Revenue, telephone Oshawa, 433-6987.

Statistics on federal programs are obtained from Statistics Canada's publications on *Social Security National Programs, (86-507 to 86-511)*, and *Unemployment Insurance, (73-001, 73-201)*, Health and Welfare Canada, and the Canadian Tax Foundation's annual publication *The National Finances*. Data sources for these programs provide interprovincial comparisons. Further information on national social security programs can be obtained from the Health Division of Statistics Canada, telephone Ottawa, 990-8382.

Social Services

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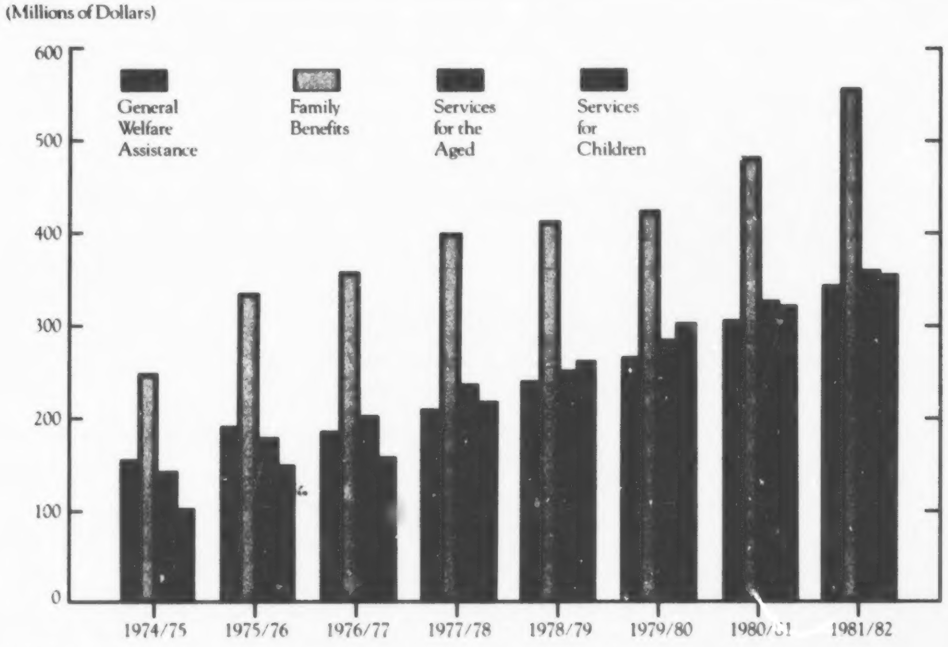
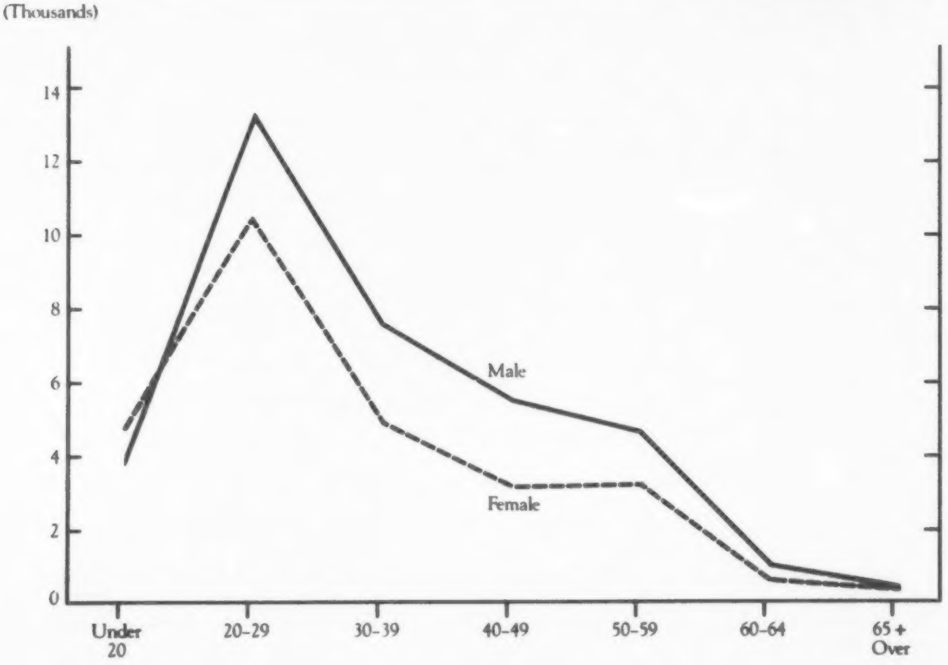
30.37 Unemployment Insurance, Benefit Payments by Type, Ontario and Other Regions of Canada, 1982

Chart 30.1 Expenditures on Major Social Services by Program, Ontario, 1974/75 to 1981/82



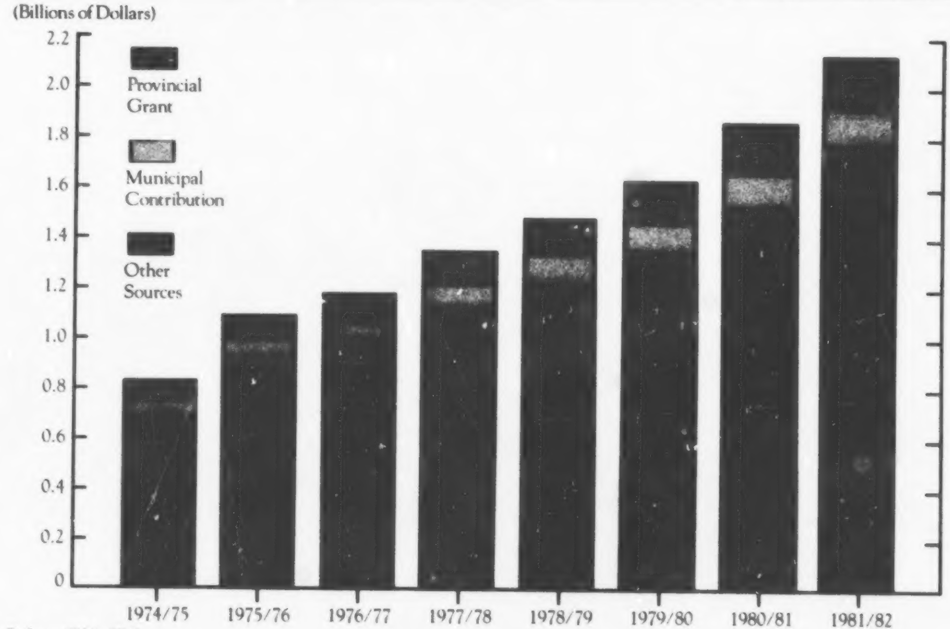
Refer to Table 30.1

Chart 30.2 General Welfare Assistance Cases by Sex and Age of Head of Household, Ontario, 1982



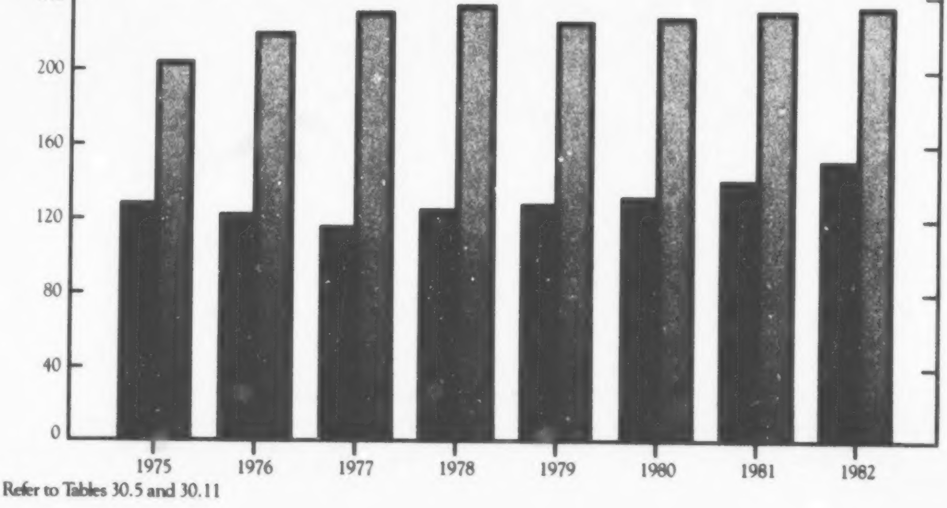
Refer to Table 30.7

Chart 30.3 Sources of Revenue for Social Assistance and Services, Ontario, 1974/75 to 1981/82



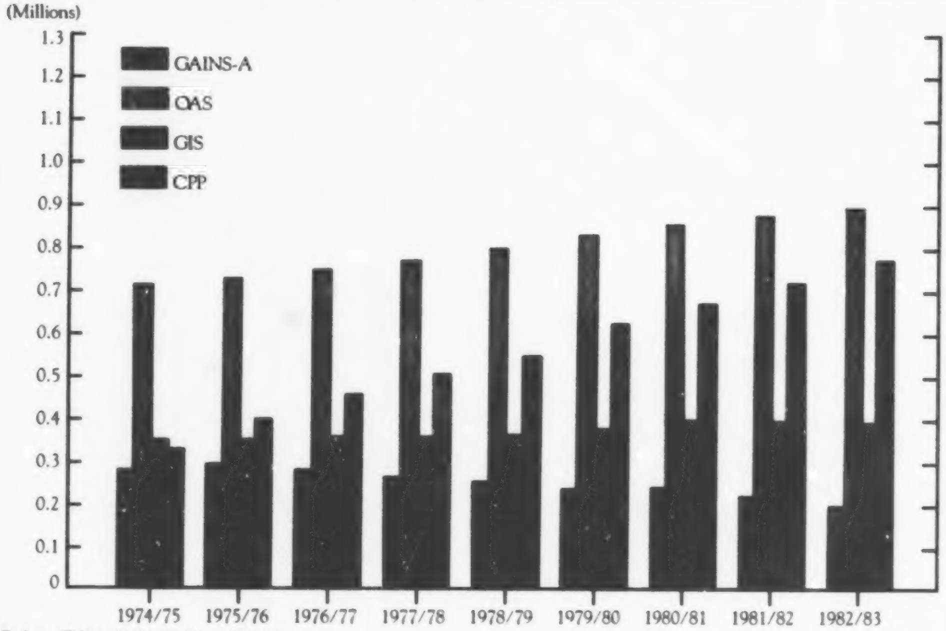
Refer to Table 30.2

Chart 30.4 Beneficiaries of General Welfare Assistance and Family Benefits During the Month of March, Ontario, 1975 to 1982



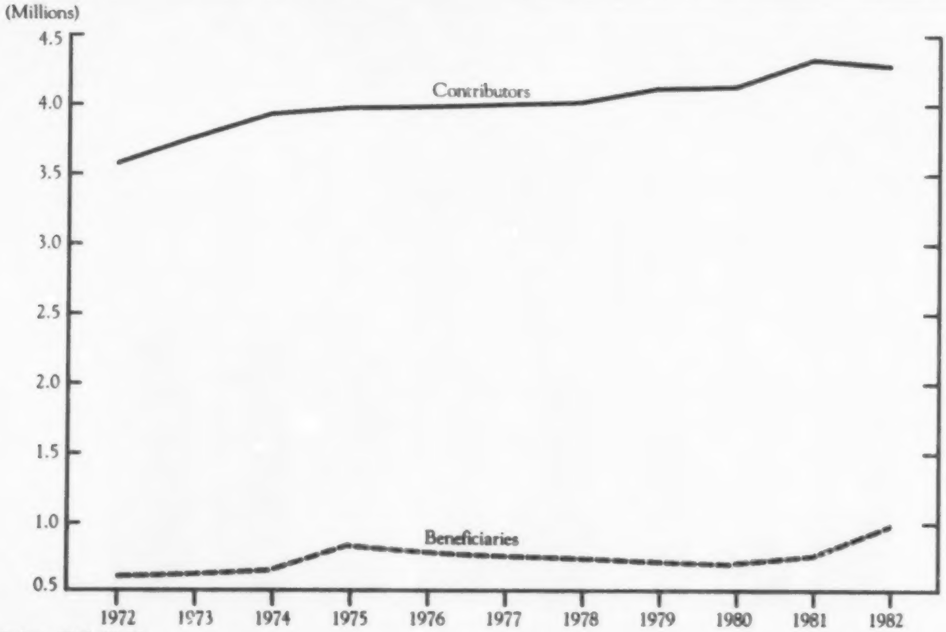
Refer to Tables 30.5 and 30.11

Chart 30.5 Recipients of GAINS-A, OAS, GIS and CPP, Ontario, 1974/75 to 1982/83



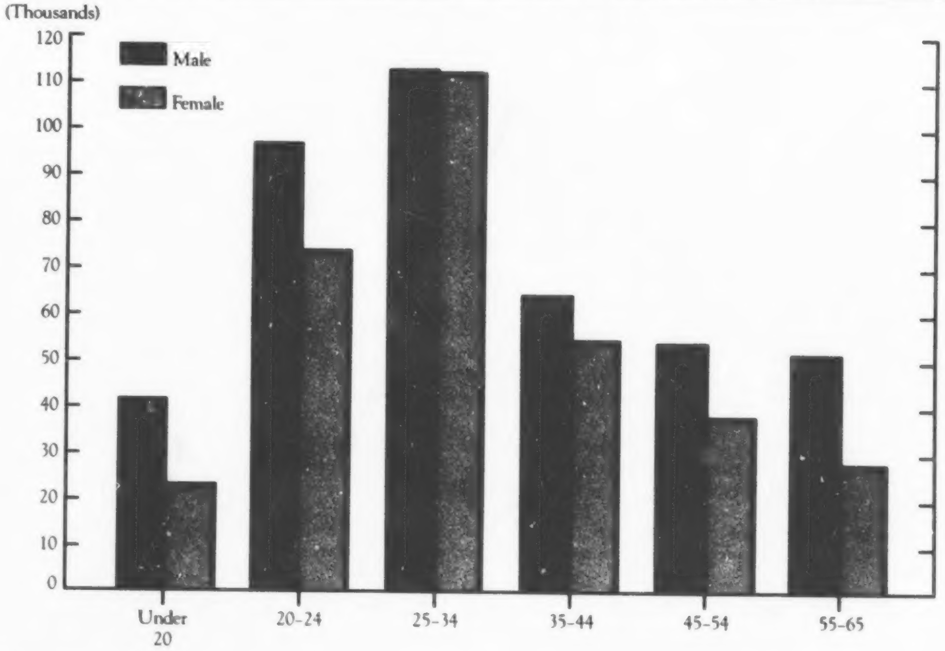
Refer to Tables 30.20, 30.22 and 30.24

Chart 30.6 Unemployment Insurance Contributors and Beneficiaries, Ontario, 1972 to 1982



Refer to Table 30.28

Chart 30.7 Unemployment Insurance Beneficiaries by Sex and Age Groups, Ontario, 1981



Refer to Table 30.29

Table 30.1 Expenditures on Major Social Services by Program, Ontario, 1974/75 to 1981/82

	Operating Expenditures							
Year	General Welfare Assistance	Family Benefits	Services for the Aged	Services for Children	Rehabilitation & Family Services	Miscellaneous Programs & Grants	Capital Expenditures	Total
					$ millions			
1981/82	338.1	550.9	354.6	348.9	172.9	347.0	22.8	2,135.0
1980/81	300.8	476.0	323.1	316.6	117.4	309.4	12.8	1,856.0
1979/80	260.1	419.6	279.9	297.6	79.3	277.9	11.3	1,625.7
1978/79	235.9	405.9	246.3	257.0	70.9	247.1	12.7	1,475.9
1977/78	204.3	394.1	232.7	214.1	63.2	225.2	16.3	1,350.5
1976/77	180.5	352.7	198.9	153.5	53.5	218.4	26.2	1,183.7
1975/76	184.9	329.9	175.7	144.3	46.0	189.1	31.3	1,101.2
1974/75	150.3	244.2	138.3	97.7	31.6	145.4	18.2	825.8

Sources: Ministry of Community and Social Services, Corporate Policy Branch.
Expenditures by Municipality.
Ministry of Municipal Affairs and Housing, *Local Government Finance in Ontario.*

Notes:
1. Data are for fiscal year ending March 31.
2. This table provides data on provincial, municipal and other expenditures by program in Ontario.
3. General Welfare Assistance expenditures includes the costs for allowances and administration. The total General Welfare Assistance expenditure for fiscal year 1981/82 was $338.1 million, of which $294.2 million was spent on allowances and $43.9 million on administration.
4. Family Benefits includes the costs for allowances, health and dental care. Of the total Family Benefits expenditure for fiscal year 1981/82, $521.6 million was spent on allowances and $24.3 million on health and dental care.

Table 30.2 Sources of Revenue for Social Assistance and Services, Ontario, 1974/75 to 1981/82

	Operating Revenue					
Year	Provincial Grant	Municipal Contribution	Other Sources	Total	Capital Revenue	Total
				$ millions		
1981/82	1,757.4	146.4	208.5	2,112.3	22.8	2,135.0
1980/81	1,520.3	132.7	190.2	1,843.2	12.8	1,856.0
1979/80	1,336.6	114.9	162.9	1,614.4	11.3	1,625.7
1978/79	1,217.1	105.8	140.3	1,463.2	12.7	1,475.9
1977/78	1,112.8	94.0	127.5	1,334.3	16.3	1,350.5
1976/77	972.6	77.5	107.3	1,157.5	26.2	1,183.7
1975/76	900.6	80.6	88.7	1,070.0	31.3	1,101.2
1974/75	673.8	62.6	71.2	807.5	18.2	825.8

Sources: Ministry of Community and Social Services, Corporate Policy Branch.
Expenditures by Municipality.
Ministry of Municipal Affairs and Housing, *Local Government Finance in Ontario.*

Notes:
1. See Table 30.1, note 1.
2. Other Sources of Operating Revenue are derived from user fees, the sale of goods produced by workshops and charitable donations from private sources. Revenue from user fees are estimates.
3. Capital Revenue data are estimates. They include provincial, municipal and charitable contributions.

Table 30.3 Expenditures on Social Services by Program and Sources of Revenue, Ontario, 1981/82

	Provincial	Municipal	Other Sources	Total
			$ '000's	
Operating Expenditures				
General Welfare Assistance				
Allowances	237,585.0	56,606.9	–	294,191.9
Administration	21,950.7	21,950.7	–	43,901.5
Total	259,535.7	78,557.6	–	338,093.4
Family Benefits	550,863.0	–	–	550,863.0
Services for the Aged				
Municipal Homes for the Aged	128,485.0	20,342.0	113,000.0	261,827.0
Charitable Institutions for Adults	30,030.8	–	56,404.1	86,434.8
Elderly Persons' Centres	1,534.3	613.7	920.6	3,068.5
Senior Citizens' Home Support Services	3,265.6	–	–	3,265.6
Total	163,315.7	20,955.7	170,324.7	354,595.9
Services for Children				
Day Nurseries	50,851.4	12,712.9	15,255.4	78,819.7
Day Nurseries for Mentally Retarded	9,287.6	–	2,321.9	11,609.5
Child Welfare – Children's Aid Societies	133,987.0	31,307.3	–	165,294.2
Child Welfare – Child Abuse	790.6	–	–	790.6
Child Welfare – Children's Services Committees	1,090.2	–	–	1,090.2
Child Welfare – Grants to Northern Ontario	434.8	–	–	434.8
Child Welfare – Juvenile Delinquency	478.0	–	–	478.0
Child Welfare – Correctional Services	3,970.7	–	–	3,970.7
Institutions for Children & Youth	9,518.4	–	2,379.6	11,898.1
Mental Health Facilities for Children	74,467.7	–	–	74,467.7
Total	284,876.4	44,020.2	19,956.9	348,853.5
Rehabilitation & Family Services				
Homemakers & Nurses Services	7,576.2	1,894.1	–	9,470.3
Vocational Rehabilitation	14,975.9	–	–	14,975.9
Half-way Houses	3,684.4	–	921.1	4,605.5
Adult Group Homes	473.9	–	–	473.9
Handicapped Persons' Housing	2,390.7	–	–	2,390.7
Workshops for Disabled	9,759.2	–	2,377.3	12,136.5
Home Support Services	490.3	–	–	490.3
Credit Counselling Services	1,021.8	–	–	1,021.8
Social Services	90.5	–	–	90.5
Family Services & Family Crisis	716.1	–	–	716.1
Tri-ministry Project – Homes for Special Care	1,101.2	–	–	1,101.2
Special Services for Mentally Retarded	726.7	–	–	726.7
Residential Facilities for Mentally Retarded – Schedule II	33,257.9	–	–	33,257.9
Homes for Retarded Persons	34,460.5	–	8,615.1	43,075.6
Sheltered Workshops – Training Services	20,299.7	–	5,074.9	25,374.6
Life Skills Training	5,057.1	–	1,264.3	6,321.3
Protective Services – Operating	3,436.9	–	–	3,436.9
Support Services – Operating	13,218.7	–	–	13,218.7
Total	152,737.7	1,894.1	18,252.7	172,884.4

Table 30.3 (cont'd.)

	Provincial	Municipal	Other Sources	Total
			$ '000's	
Miscellaneous Programs & Grants				
Work Activity Project	1,888.2	472.1	–	2,360.3
General Welfare Assistance Counselling Services	1,825.5	456.4	–	2,281.9
Demonstration Projects	607.2	–	–	607.2
Provincial Lottery Fund Payments	1,249.4	–	–	1,249.4
Payments in Lieu of Municipal Taxes	338.2	–	–	338.2
Direct Operating Expenses	340,125.7	–	–	340,125.7
Total	346,034.2	928.5	–	346,962.7
Total	1,757,362.5	146,355.9	203,534.3	2,112,252.7
Capital Expenditures for New & Acquired Buildings				
Municipal Homes for the Aged	2,552.0	2,552.0	–	5,103.9
Charitable Institutions for Adults	3,618.3	–	3,618.3	7,236.7
Elderly Persons' Centres	18.1	24.1	18.1	60.3
Adult Group Homes	9.0	–	9.0	18.0
Half-way Houses	86.8	–	86.8	173.6
Sheltered Workshops	372.6	–	93.2	465.8
Institutions for Children & Youth	316.6	–	79.1	395.7
Day Nurseries	857.6	330.0	132.0	1,319.6
Day Nurseries for Mentally Retarded	146.8	–	36.7	183.5
Child Welfare – Children's Aid Societies	43.6	–	130.9	174.5
Mental Health Facilities	1,332.8	–	666.4	1,999.2
Children's Residential Services	10.4	–	–	10.4
Schedule II Residential Facilities	1,574.5	–	787.2	2,361.7
Homes for Retarded Persons	648.7	–	162.2	810.9
Sheltered Workshops – Training Services	1,967.8	–	491.9	2,459.7
Total	13,555.7	2,906.1	6,311.9	22,773.7
Total	1,770,918.2	149,262.0	214,846.2	2,135,026.4

Sources: Ministry of Community and Social Services, Corporate Policy Branch.
Expenditures by Municipality.
Ministry of Municipal Affairs and Housing, *Local Government Finance in Ontario.*

Notes:
1. See Table 30.1, note 1.
2. Payments in Lieu of Municipal Taxes refers to payments to municipalities in lieu of property taxes on behalf of facilities operated by the Province, based on $50.00 per bed annually on rated bed capacity.
3. Direct Operating Expenses is primarily for provincially-operated (Schedule 1) facilities for the mentally retarded and childrens institutions. It also includes salaries for Family Benefits field workers, vocational rehabilitation counsellors and various administrative functions.
4. Other Sources for Capital Expenditures are derived from charitable donations from private sources. See Table 30.2, note 2 re: operating expenditures.
5. Provincial Lottery Fund Payments are spent on social research and various institutions and non-profit organizations which provide social services (eg. Ontario Mental Health Foundation, McMaster University, etc.).

Table 30.4 General Welfare Assistance Allowances by Type of Expenditure, Ontario, 1974/75 to 1981/82

	General Assistance						
Year	Income Support	Income Offsets	Nursing Homes	Foster Child	Hostels	Other	Total
				$ '000's			
1981/82	226,844.8	20,011.1	463.2	824.3	13,225.1	6,896.2	228,242.5
1980/81	204,031.2	16,536.9	416.3	785.2	11,377.6	1,199.5	201,272.8
1979/80	171,158.9	13,514.4	486.5	636.3	9,010.8	1,072.2	168,850.2
1978/79	160,217.9	12,983.1	535.6	539.3	7,748.6	884.8	156,943.1
1977/78	135,987.8	10,026.1	715.9	503.0	6,525.5	680.8	134,386.9
1976/77	117,299.6	8,622.0	805.2	598.8	4,835.0	2,163.3	117,079.9
1975/76	123,265.6	7,594.0	1,300.0	587.8	4,594.2	4,173.1	126,326.6
1974/75	98,970.0	5,508.7	6,056.2	512.6	2,976.4	3,436.1	106,442.6

Table 30.4 (cont'd.)

Year	Supplementary Aid	Special Assistance	Total
		$ '000's	
1981/82	9,309.8	12,494.0	250,046.3
1980/81	10,002.1	12,794.4	224,069.3
1979/80	9,554.3	12,056.6	190,461.1
1978/79	8,327.9	11,357.7	176,628.7
1977/78	7,063.7	9,136.5	150,587.1
1976/77	5,598.9	6,908.3	129,587.2
1975/76	5,077.8	7,240.4	138,644.8
1974/75	5,444.2	6,319.2	118,205.9

Source: Ministry of Community and Social Services, *Quarterly Statistical Bulletin*.

Notes:
1. See Table 30.1, note 1.
2. General Welfare Assistance data provided in this table cover municipalities with population in excess of 20,000 and all county and district administration boards. Together they account for about 86 percent to 94 percent of the total caseload in Ontario. See Table 30.1, note 3.
3. Income Support payments are based on recipient's basic requirements for food, shelter, clothing, fuel, utilities, household supplies, personal requirements and other costs.
4. An income offset is the amount of money deducted from the total benefits recipients are allowed to receive. The adjustment is made if a recipient's income from other sources is greater than the maximum amount allowed.
5. Payments to Nursing Homes are for residual nursing home cases that continue to be funded through General Welfare Assistance.
6. General Welfare Assistance can pay foster allowances to children not under the supervision of a Children's Aid Society.
7. Hostel agreements are negotiated by municipalities and Indian bands for funding under the General Welfare Assistance legislation.
8. Other includes expenditures on items such as special diets, and items required by pregnant women and recipients of advanced age.
9. Supplementary Aid and Special Assistance are assistance to people with particular needs which exceed their main sources of income. These figures are reported on a different basis due to the temporary nature of the needs of these recipients.

Table 30.5 General Welfare Assistance, Caseload and Beneficiaries During the Month of March, Ontario, 1975 to 1982

Year	Cases	Dependents	Beneficiaries	Expenditures
		number		$ '000's
1982	81,013	68,249	149,262	22,127.0
1981	73,892	64,690	138,582	18,801.9
1980	68,718	60,978	129,696	15,222.6
1979	66,430	60,017	126,447	14,323.8
1978	63,570	59,910	123,480	12,966.3
1977	57,021	57,592	114,613	9,843.2
1976	57,908	62,780	120,688	10,796.3
1975	60,205	66,281	126,486	10,456.1

Source: Ministry of Community and Social Services, *Quarterly Statistical Bulletin*.

Notes: 1. See Table 30.4, note 2.

2. Expenditure and caseload figures do not include supplementary aid, special assistance and hostel beneficiaries. See Table 30.4, note 9.
3. This table is based on unaudited figures as given by municipal governments on a monthly basis. These figures should be read as approximations which give general indications of volumes and trends.
4. Beneficiaries include all family members who benefit from the assistance.

Table 30.6 General Welfare Assistance Beneficiaries During the Month of March, Ontario, 1975 to 1982

	Employable					
	Family Units			Single Persons		
Year	Male Head	Female Head	Dependents	Male	Female	Total
			number			
1982	11,681	6,079	39,490	16,414	6,666	80,330
1981	9,752	2,957	30,025	13,436	5,492	61,662
1980	8,705	2,947	27,291	12,832	5,636	57,411
1979	8,597	1,784	24,496	11,837	5,304	52,018
1978	8,388	1,333	23,955	11,691	4,868	50,235
1977	7,210	1,377	22,173	9,156	3,518	43,434
1976	7,380	1,148	23,379	8,979	3,872	44,758
1975	8,376	1,201	26,756	9,091	4,088	49,512

Table 30.6 (cont'd.)

	Unemployable					
	Family Units			Single Persons		
Year	Male Head	Female Head	Dependents	Male	Female	Total
			number			
1982	4,920	10,429	28,759	12,066	12,105	68,279
1981	4,803	13,657	34,665	11,414	11,704	76,243
1980	4,541	13,266	33,687	9,727	10,364	71,585
1979	4,756	13,836	35,521	9,695	10,087	73,895
1978	4,591	13,754	35,955	8,995	9,371	72,666
1977	4,392	13,166	35,419	8,485	8,960	70,422
1976	4,407	14,654	39,401	7,809	8,740	75,011
1975	4,766	14,123	39,525	7,772	9,520	75,706

Table 30.6 (cont'd.)

				Short Term Assistance		
Year	Foster Children	Nursing Homes	Total	Hostels Beneficiaries	Supple-mentary Aid	Special Assis-tance
			number			
1982	632	21	149,262	8,795	4,367	14,971
1981	636	41	138,582	8,427	20,195	32,444
1980	634	66	129,696	7,930	20,881	27,234
1979	458	76	126,447	7,325	18,095	32,275
1978	493	82	123,480	7,119	17,117	31,332
1977	595	162	114,613	6,620	16,039	22,332
1976	586	333	120,688	7,189	13,876	23,586
1975	844	424	126,486	6,225	23,187	18,729

Source: Ministry of Community and Social Services, *Quarterly Statistical Bulletin*.

Note: See Table 30.4, note 2.

Table 30.7 General Welfare Assistance Cases by Age and Sex of Head of Household, Ontario, 1982

	Male	Female	Total
		number	
Under 20 Years	3,666	4,581	8,259
20 - 29	12,994	10,222	23,260
30 - 39	7,433	4,705	12,160
40 - 49	5,380	3,076	8,467
50 - 59	4,545	3,174	7,726
60 - 64	975	575	1,556
65 & Over	360	341	702
Total	35,353	26,674	62,130

Source: Ministry of Community and Social Services, *Statistical Supplement*.

Notes:
1. Caseload as of March 31, 1982.
2. This table covers active cases in only 27 administrative units (geographical areas) as of March 31, 1982. Therefore, the numbers are significantly lower than those reported in Tables 30.5 and 30.6.
3. Total includes cases where sex of the head of the household is not available.

Table 30.8 General Welfare Assistance Cases by Marital Status and Sex of Head of Household, Ontario, 1982

	Employable		Unemployable		
	Male	Female	Male	Female	Total
			number		
Single	10,561	4,674	6,808	6,295	28,390
Married	5,425	32	2,536	35	8,043
Divorced	1,203	986	1,237	2,103	5,536
Deserted	79	945	49	1,446	2,521
Separated	2,225	3,279	1,856	4,932	12,292
Widowed	180	287	335	1,643	2,449
Common Law	2,223	7	636	10	2,882
Total	21,896	10,210	13,457	16,464	62,130

Source: Ministry of Community and Social Services, *Statistical Supplement*.

Note: See notes, Table 30.7

Table 30.9 Family Benefit Expenditures by Type of Recipient, Ontario, 1975/76 to 1981/82

		Family Units		Children		
Year	Single Persons	Couples	Families with Children	Foster	Handi-capped	Total
			$ '000's			
Guaranteed Annual Income for the Disabled						
1981/82	96,139.6	10,703.2	12,950.6	...	...	119,973.3
1980/81	96,388.2	12,198.5	14,119.2	...	...	122,706.0
1979/80	89,485.4	12,038.1	14,092.7	...	...	115,616.2
1978/79	88,225.1	13,395.3	15,298.2	...	...	116,918.6
1977/78	90,138.2	15,184.5	17,303.6	...	...	122,626.4
1976/77	85,279.5	15,203.5	17,744.2	...	...	118,227.2
1975/76	88,191.8	17,583.1	18,435.9	...	...	124,210.8
Family Benefits Allowance						
1981/82	95,668.5	15,741.7	268,273.2	3,683.4	3,608.0	388,808.4
1980/81	69,879.1	10,027.7	232,152.1	3,614.7	2,798.2	319,580.9
1979/80	56,505.4	7,169.5	204,964.4	3,409.7	2,020.8	274,181.8
1978/79	46,765.9	5,391.3	203,093.8	4,436.3	...	259,687.3
1977/78	39,793.4	4,042.0	198,521.0	3,597.4	...	245,953.8
1976/77	32,123.2	2,988.3	175,224.7	3,106.5	...	213,442.6
1975/76	21,323.0	2,673.5	160,914.7	2,994.2	...	187,905.3

Source: Ministry of Community and Social Services, *Quarterly Statistical Bulletin*.

Notes: 1. See Table 30.1, note 1.

2. The figures in this table are significantly lower than those in Table 30.1 because these figures are preliminary. The figures in Table 30.1 have been corrected and adjusted for returned cheques, under and over payments, etc. Not included are expenditures for health and dental care. The figures should be read as approximations which give general indications of volumes and trends. See Table 30.1, note 4.

3. In 1980, there were changes to the Handicapped Children's Allowance Program to enable more people to apply for financial assistance for caring for their child at home.

4. For 1979/80, 1980/81 and 1981/82, total expenditures for Family Benefits Allowance recipients includes expenditures on the Work Incentive Program. This program was introduced in January 1980, and is designed to provide positive financial incentives for recipients of long-term social assistance to return to full-time employment.

Table 30.10 Family Benefits Cases by Type of Recipient During the Month of March, Ontario, 1975 to 1982

Year	Aged	Disabled & Blind	Perma-nently Unem-ployable	Depen-dent Fathers	Mothers	Foster Handicap Parents	Other Cases	Total
					number			
1982	4,188	30,361	23,756	4,531	49,659	4,745	2,821	121,984
1981	3,514	31,487	21,706	4,881	48,926	4,586	2,608	119,095
1980	2,941	32,987	19,464	5,228	47,930	4,217	2,276	115,577
1979	2,820	34,520	17,174	5,532	47,930	2,509	603	111,115
1978	2,875	38,695	14,754	6,010	48,702	2,863	654	112,553
1977	3,156	37,534	12,353	6,152	46,436	2,700	686	109,017
1976	4,280	37,163	9,621	6,234	41,595	2,332	728	101,953
1975	6,145	33,704	7,606	6,081	36,239	2,179	326	92,280

Source: Ministry of Community and Social Services, *Quarterly Statistical Bulletin*.

Notes: 1. A dependent father is defined as a father of a dependent child and who is permanently unemployable by reason of physical or mental disability.

2. Other Cases includes Work Incentive Program (see Table 30.9, note 4).

Table 30.11 Family Benefits Beneficiaries During the Month of March, Ontario, 1975 to 1982

Year	Single Persons	Family Units		Work Incentive Cases	Dependents			Beneficiaries
		Couples	Families with Children		Foster Children	Handicapped Children	Other	
				number				
1982	54,915	5,789	54,612	1,923	2,748	2,719	109,928	232,634
1981	53,394	5,539	54,189	1,387	2,895	2,431	110,484	230,319
1980	51,991	5,366	53,464	539	3,062	1,911	110,138	226,471
1979	49,598	5,358	53,650	...	3,244	...	112,713	224,563
1978	49,090	5,680	54,920	...	3,749	...	119,405	232,844
1977	47,603	5,915	52,799	...	3,631	...	119,581	229,529
1976	45,036	6,559	48,026	...	3,196	...	115,406	218,223
1975	41,073	6,697	42,331	...	3,026	...	106,618	202,771

Source: Ministry of Community and Social Services, *Quarterly Statistical Bulletin*

Notes: 1. See Table 30.9, notes 3 and 4.

2. Beneficiaries includes all family members who are included in the payment calculations.

Table 30.12 Family Benefits Cases by Type of Recipient and Age of Head of Household During the Month of March, Ontario, 1982

	16 - 20	21 - 30	31 - 40	41 - 50	51 - 60	61 - 65	66 +	Total[1]
					number			
Aged Single	–	–	–	–	9	1,853	1,761	3,623
Aged Married	–	–	–	–	–	–	554	554
Wife Recipient of OAS	–	–	–	–	–	2	9	11
Disabled Single	1,166	7,046	5,460	4,156	5,327	3,671	426	27,252
Disabled Married	4	116	152	176	727	578	130	1,883
Blind Single	97	333	179	142	201	142	19	1,113
Blind Married	1	11	8	14	41	29	9	113
Dependent Father	2	190	631	1,239	1,713	463	293	4,531
Mother Widow	6	169	548	1,128	1,284	156	19	3,310
Mother Deserted	124	6,645	7,141	3,545	1,278	70	3	18,806
Mother Divorced	7	1,628	3,697	1,874	543	20	2	7,771
Mother Unwed	2,175	9,894	3,488	1,232	467	19	1	17,276
Mother Penal	7	103	51	12	6	–	–	179
Mother Other	1	73	107	139	165	37	9	531
Mother Separated	16	902	655	161	49	2	1	1,786
Foster Parent	..	..	..	..	..	..	..	2,125
Other Cases	3	4	12	20	28	9	6	82
Chronic	32	119	102	112	156	70	15	606
Permanently Unemployable	417	2,565	1,871	2,630	8,521	6,674	1,076	23,756
Parent With Handicapped Child	..	..	..	..	..	..	..	2,620
Single Rehab. No Child	567	916	252	110	42	2	1	1,890
Married Rehab. No Child	3	22	9	9	3	1	–	47
Rehab. With Children	3	59	91	34	7	–	–	194
Work Incentive Program	29	817	665	281	108	23	–	1,923
No Information	–	–	1	1	–	–	–	2
Total	4,660	31,612	25,120	17,015	20,675	13,821	4,336	121,984

Source: Ministry of Community and Social Services, *Quarterly Statistical Bulletin*.

Note: See Table 30.10, note 1.

Table 30.13 Residents in Homes for the Aged by Type of Care, Ontario, 1970/71 to 1981/82

Year	Homes	Residents		
		Residential Care	Extended Care	Total
		number		
Municipal Homes				
1981/82	107	7,896	9,526	17,422
1980/81	89	..	..	..
1979/80	89	7,515	9,282	16,797
1978/79	89	7,763	9,231	16,994
1977/78	90	8,132	8,846	16,978
1976/77	89	7,769	8,875	16,644
1975/76	89	7,794	8,595	16,389
1974/75	88	8,062	8,527	16,589
1973/74	87	7,521	8,736	16,257
1972/73	84	7,088	8,778	15,866
1971/72	83	..	..	15,171
1970/71	83	..	..	14,282
Charitable Homes				
1981/82	91	6,376	2,590	8,966
1980/81	92	..	..	..
1979/80	92	6,392	2,739	9,131
1978/79	91	6,421	2,685	9,106
1977/78	90	6,422	2,463	8,885
1976/77	91	6,181	2,423	8,604
1975/76	87	5,779	2,275	8,054
1974/75	90	5,841	2,185	8,026
1973/74	91	5,633	2,237	7,870
1972/73	89	5,296	2,216	7,522
1971/72	83	..	..	7,044
1970/71	82	..	..	6,656

Sources: Ministry of Community and Social Services, *Statistics About People*.
Homes for the Aged, Annual Report of Residents.

Note: Number of homes and residents are as of March 31.

Table 30.14 Residents of Homes for the Aged by Age, Sex and Type of Care, Ontario, 1982

	Residential Care		Extended Care		
	Male	Female	Male	Female	Total
			number		
Municipal Homes					
Under 60 Years	92	75	62	62	291
60 - 64	150	148	69	118	485
65 - 69	281	289	239	271	1,080
70 - 74	464	560	478	690	2,192
75 - 84	1,126	2,147	1,066	2,460	6,799
85 & Over	742	1,822	882	3,129	6,575
Total	2,855	5,041	2,796	6,730	17,422
Charitable Homes					
Under 60 Years	93	45	12	8	158
60 - 64	42	47	11	18	118
65 - 69	118	128	30	45	321
70 - 74	190	398	64	119	771
75 - 84	590	2,059	249	674	3,572
85 & Over	550	2,116	258	1,102	4,026
Total	1,583	4,793	624	1,966	8,966
Total	4,438	9,834	3,420	8,696	26,388

Source: Ministry of Community and Social Services, *Homes for the Aged – Annual Report of Residents*.

Note: Data are as of March 31, 1982.

Table 30.15 Child Welfare Services, Children's Aid Societies, Ontario, 1975 to 1982

	Protection & Prevention Services				Children in Care			
Year	Cases Carried Over	New Cases	Cases Re-opened	Total	Cases Carried Over	Admitted to Care	Total	Total
				number				
1982	22,326	22,884	10,026	55,236	12,129	7,152	19,281	74,517
1981	21,294	17,190	8,684	47,168	13,033	10,418	23,451	70,619
1980	22,060	18,121	8,308	48,489	14,008	11,840	25,848	74,337
1979	20,696	17,697	8,088	46,481	13,814	12,297	26,111	72,592
1978	18,226	16,631	8,222	43,080	13,125	12,397	25,522	68,602
1977	16,050	14,023	7,244	37,317	12,962	11,771	24,733	62,050
1976	15,396	12,320	6,480	34,196	13,904	10,691	24,595	58,791
1975	14,283	12,588	6,393	33,264	13,718	11,917	25,635	58,899

Sources: Ministry of Community and Social Services, For 1982, *Children's Aid Society Quarterly Reporting System*.
For 1975 - 1981, *Children's Aid Society Monthly Statistical Report*.

Notes: 1. Figures in this table are 12 months cumulative from January to December of each year.
2. Child Welfare Services refers to children in care and under the protection and prevention services of children's aid societies.
3. Cases Carried Over indicates cases from previous year.
4. A case is any child or family where the need for ongoing services (beyond a brief service) is indicated and a file is opened.

Table 30.16 Capacity of Day Nurseries by Operator Type and Enrolment, Ontario, 1982

	Facilities	Licenced Capacity	Enrolment		
			Handicapped	Other	Total
			number		
Approved Charitable Corporation	106	3,528	578	2,893	3,471
Approved Charitable Handicapped Corporation	52	1,096	965	95	1,060
Charitable Corporation	518	17,610	428	21,349	21,777
Indian Band	24	787	4	821	825
Individual for an Unincorporated Group	157	4,491	104	5,009	5,113
Municipal Corporation	168	8,370	412	8,952	9,364
Non-charitable Corporation	338	15,845	150	18,168	18,318
Private Individual	404	13,826	97	17,071	17,168
Total	1,767	65,553	2,738	74,358	77,096

Source: Ministry of Community and Social Services, Day Nurseries Information Systems (DNIS).

Notes: 1. All numbers are as of March 31, 1982. However, since data for DNIS are normally inputted only annually at the time of licensing of each day nursery, the data included are only that on file as of the chosen date. The true effective date for the data varies for each nursery. Therefore, the data for any given nursery on a chosen date can be up to one year old.
2. Enrolment figures are the number of children who are registered to attend the nursery for various program durations, i.e. part day, full day, etc. Capacity relates to the maximum licenced number of children that can be in the nursery at any one time, based on space and staff requirements.

Table 30.17 Homemakers and Nurses Services, Ontario, 1976/77 to 1981/82

	Homemakers Services					
	Caseload					
Year	Family Unit	Single Person	Total	Hours of Service	Average Cost per Hour	Total Cost
		number		'000's	$	$ '000's
1981/82	18,334	23,940	42,274	1,627.3	4.40	7,170.0
1980/81	16,667	17,146	33,813	1,780.9	4.04	7,195.0
1979/80	16,566	20,699	37,265	1,563.6	3.73	5,829.5
1978/79	16,652	20,131	36,783	1,416.1	3.79	5,365.8
1977/78	18,166	19,574	37,740	1,416.1	3.66	5,182.8
1976/77	16,038	14,944	30,982	1,303.6	3.43	4,473.4

Table 30.17 (cont'd.)

	Nurses Services					
	Caseload					
Year	Family Unit	Single Person	Total	Number of Visits	Cost per Visit	Total Cost
		number		'000's	$	$ '000's
1981/82	2,500	9,692	12,192	119.6	16.12	1,928.0
1980/81	2,708	10,655	13,363	127.0	14.70	1,866.7
1979/80	2,568	10,460	13,028	133.4	11.31	1,508.5
1978/79	3,953	15,310	19,236	135.0	10.80	1,458.1
1977/78	4,394	17,429	21,823	129.6	11.75	1,522.8
1976/77	3,289	11,172	14,461	144.5	10.41	1,503.8

Sources: Ministry of Community and Social Services, *Program Resource Summary*
Statistical Supplement.

Notes: 1. See Table 30.1, note 1.

2. The costs in this table cover only those services eligible under the Homemakers and Nurses Services Act. Additional costs for other services included in this program such as heavy cleaning, yard work, etc. are funded under the Ministry of Community and Social Services Act. See Table 30.3 re: total expenditure for Homemakers and Nurses Services program.

Table 30.18 Workshops, Training and Rehabilitation Services for the Disabled, Caseload and Expenditures, Ontario, 1974/75 to 1981/82

	Vocational Rehabilitation				Workshops for Disabled		
Year	New Persons Served	Total Persons Served	Persons Provided With Training	Cost of Program	Work-shops	Approved Trainees	Cost of Program
		number		$ '000's	number		$ '000's
1981/82	5,196	13,635	4,273	14,975.9	39	2,573	12,136.5
1980/81	5,105	13,693	4,440	11,433.1	40	2,519	8,761.6
1979/80	4,665	13,395	4,098	9,661.3	39	2,419	8,366.1
1978/79	4,732	13,600	3,087	9,512.2	39	2,367	7,840.0
1977/78	4,468	12,739	3,340	8,892.9	39	2,562	6,796.5
1976/77	4,469	12,644	3,011	9,219.3	39	2,562	6,035.0
1975/76	4,289	11,800	3,324	10,522.1	38	2,304	4,799.4
1974/75	4,098	10,659	3,348	10,660.2	45	2,032	2,656.7

Sources: Ministry of Community and Social Services, *Program and Resources Summary.*
Expenditures by Municipality.

Notes:
1. See Table 30.1, note 1.
2. The Ministry of Community and Social Services' rehabilitation program attempts to develop, restore or improve the working capacity of physically handicapped people to enable them to join the work force.
3. New Persons Served refers to those who receive assessment in order to be approved for placement in vocational training programs.
4. Total Persons Served refers to both new persons served and cases carried over from the previous year.
5. Persons Provided With Training refers to those participating in a vocational training program with the goal of entering the competitive labour market. For those persons unable to entertain this goal, meaningful sheltered employment is offered by approved workshops.
6. The cost of the Vocational Rehabilitation Program includes training expenses as well as other rehabilitation services for the disabled.
7. Sources of revenue for workshops include both provincial and private contributions and revenue derived from the sale of goods produced by the workshops.

Table 30.19 Residents by Age and Sex in Provincial and Community Mental Retardation Facilities, Ontario, 1982

	In Residence		In Approved Homes		Administered Residences		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
				number				
Provincially Operated Facilities, Schedule I's								
0 – 9 Years	46	22	–	1	2	–	48	23
10 – 17	288	157	24	10	8	4	320	171
18 – 29	1,420	849	28	36	23	10	1,471	895
30 – 39	780	546	12	10	14	8	806	564
40 & Over	722	480	28	17	5	6	755	503
Total	3,256	2,054	92	74	52	28	3,400	2,156
Community Operated Facilities, Schedule II's								
0 – 9 Years	105	99	1	1	1	6	107	106
10 – 17	171	136	1	6	10	8	182	150
18 – 29	207	172	2	3	4	7	213	182
30 – 39	47	30	1	1	–	–	48	31
40 & Over	69	72	2	4	–	–	71	76
Total	599	509	7	15	15	21	621	545
Total	3,855	2,563	99	89	67	49	4,021	2,701

Source: Ministry of Community and Social Services, *Statistical Supplement.*

Notes:
1. Residents as of March 31, 1982.
2. Residential programs and services for developmentally handicapped people are delivered through 17 Provincial government-operated Schedule I facilities and 10 Provincial government funded, community board-operated Schedule II facilities.
3. Administered Residences (formerly called Facility Operated Community Residence) refers to community residences operated by the Province (Schedule I Facilities) or community boards (Schedule II Facilities) to accommodate the more seriously retarded facility residents, who would otherwise not achieve a community placement for a variety of reasons.

Table 30.20 Guaranteed Annual Income System for the Aged, Recipients and Payments, Ontario, 1974/75 to 1983/84

Year	Annual Guaranteed Income		Maximum Monthly Payments		Recipients	Total Payment
	Single	Couple	Single	Couple		
	dollars				#	$ millions
1983/84	6,939	13,218	48.88	164.24	175,500	83.3
1982/83	6,625	12,590	48.88	158.22	188,918	89.5
1981/82	6,063	11,466	48.88	147.48	211,082	97.3
1980/81	5,448	10,235	48.88	134.70	229,756	103.3
1979/80	4,453	8,665	38.88	108.24	227,732	90.1
1978/79	4,120	8,001	38.88	104.02	244,515	99.5
1977/78	3,599	7,199	38.88	101.88	256,004	108.3
1976/77	3,352	6,704	38.88	99.96	269,973	117.5
1975/76	3,180	6,360	38.88	98.64	280,582	105.5
1974/75	2,766	5,532	26.23	71.30	265,200	60.8

Source: Ministry of Treasury and Economics, Pension and Income Support Policy Branch.

Notes:
1. Annual guarantees and total payments are for fiscal years ending March 31.
2. Recipients and Maximum Monthly Payments are as of March 31.
3. Payment for 1983/84 is estimated.
4. The Guaranteed Annual Income System for the Aged (GAINS-A) was introduced on July 1, 1974. Therefore, the data for 1974/75 cover a nine month period.
5. The decline in GAINS-A recipients in recent years is due mainly to the maturing of the Canada Pension Plan, an increase in the number of people receiving retirement benefits from voluntary employment pension plans and an increase in investment and interest earnings from private savings.
6. GAINS-A ensures a minimum annual income for eligible Ontario residents 65 years and over (normally GIS recipients). It guarantees seniors an income equal to an established minimum. Since the federal OAS and GIS payments fall short of the minimum, Ontario makes up the difference through the GAINS program. Most items considered income under the Canadian Tax Act are also income for the purpose of the GAINS program. Items which are not considered income include Workers' Compensation Payments, Ontario Tax Grants or Credits, Farm Tax Rebates, Disability and Widow's Pension, Spouse's Allowance and Veteran's Allowance.

Table 30.21 Old Age Security, Maximum Monthly Pension, Canada, Effective Dates, 1952 to 1984

Year	Effective Date	Basic Pension	Guaranteed Income Supplement		Maximum Pension	
			Single	Couple	Single	Couple
			dollars			
1984	January 1	263.78	265.60	409.72	529.38	937.28
1983	October 1	260.52	261.55	403.30	522.07	924.34
1983	July 1	256.67	257.68	397.34	514.35	910.68
1983	April 1	254.13	255.13	393.40	509.26	901.66
1983	January 1	250.62	252.60	389.74	503.22	890.98
1982	October 1	246.92	247.89	382.24	494.81	876.08
1982	July 1	239.73	240.67	371.10	480.40	850.56
1982	April 1	232.97	233.89	360.64	466.86	826.58
1982	January 1	227.73	228.63	352.54	456.36	808.00
1981	October 1	221.74	222.62	343.28	444.36	786.76
1981	July 1	214.86	215.72	332.64	430.58	762.36
1981	April 1	208.20	209.03	322.32	417.23	738.72
1981	January 1	202.14	202.94	312.94	405.08	717.22
1980	October 1	196.83	197.60	304.72	394.43	698.38
1980	July 1	191.28	192.03	296.14	383.31	678.70
1980	April 1	186.80	153.35	255.02	340.15	628.62
1980	January 1	182.42	149.76	249.04	332.18	613.88
1979	January 1	167.21	137.28	228.30	304.49	562.72
1978	January 1	153.44	107.62	191.12	261.06	498.00
1977	January 1	141.34	99.13	176.06	240.47	458.74
1976	January 1	132.90	93.22	165.56	226.12	431.36
1975	January 1	120.06	84.21	149.58	204.27	389.70
1974	January 1	108.14	75.85	134.74	183.99	351.02
1973	October 1	105.30	73.86	131.20	179.16	341.80
1973	April 1	100.00	70.14	124.60	170.14	324.60
1972	January 1	82.88	67.12	119.24	150.00	285.00
1971	April 1	80.00	55.00	95.00	135.00	255.00
1970	January 1	79.58	31.83	63.66	111.41	222.82
1969	January 1	78.00	31.20	62.40	109.20	218.40
1968	January 1	76.50	30.60	61.20	107.10	214.20
1967	January 1	75.00	30.00	60.00	105.00	210.00
1963	October 1	75.00	–	–	75.00	150.00
1962	June 1	65.00	–	–	65.00	130.00
1957	November 1	55.00	–	–	55.00	110.00
1957	July 1	46.00	–	–	46.00	92.00
1952	January 1	40.00	–	–	40.00	80.00

Sources: Canadian Tax Foundation, *The National Finances.*
Health and Welfare Canada, *Old Age Security, Guaranteed Income Supplement and Spouse's Allowance.*

Notes:
1. The Old Age Security Act, effective January 1952, provided flat-rate benefits on a universal basis for everyone aged 70 or more who met residence requirements. The age of eligibility was lowered to 69 in 1966, and progressively by one year in each succeeding year to 65 in 1970.
2. The Guaranteed Income Supplement program, which came into effect in January 1967, is aimed at further assisting pensioners with little or no income other than the Old Age Security pension.
3. Ontario residents entitled to the federal Guaranteed Income Supplement (GIS) are eligible for top-up Guaranteed Annual Income System for the Aged (GAINS-A) payments if they satisfy an income test. GAINS-A is more selective than GIS and provides benefits for only the very low income elderly. See Table 30.20 re: GAINS-A.

Table 30.22 Old Age Security, Recipients and Benefit Payments, Ontario, 1971/72 to1982/83

Year	Recipients			Benefit Payments				
	OAS	GIS	Spouses	OAS	GIS	Spouses	Total	% of Canada
	number			$ millions				
1982/83	885,572	378,819	24,260	2,559.0	686.0	51.5	3,296.5	34.2
1981/82	866,275	384,622	23,922	2,245.0	648.2	47.4	2,940.6	34.3
1980/81	843,181	383,895	23,011	1,950.1	557.9	40.2	2,548.1	33.4
1979/80	819,248	364,180	21,228	1,723.5	435.9	32.1	2,191.5	34.7
1978/79	786,960	354,828	19,118	1,524.8	361.7	27.2	1,913.8	34.9
1977/78	761,303	349,275	18,336	1,347.1	316.4	23.7	1,687.2	34.7
1976/77	737,867	343,891	17,714	1,215.4	299.6	20.6	1,535.6	34.6
1975/76	717,081	338,404	12,434	1,087.5	275.0	6.8	1,369.3	34.8
1974/75	702,661	340,869	...	958.8	248.8	...	1,207.6	35.0
1973/74	682,411	338,292	...	834.2	229.8	...	1,064.0	35.1
1972/73	664,537	328,364	...	653.4	228.0	...	881.4	34.9
1971/72	648,918	303,430	...	620.9	155.0	...	775.9	35.2

Sources: Statistics Canada, *Social Security National Programs, Old Age Security, Guaranteed Income Supplement and Spouse's Allowance*, (86-509). Health and Welfare Canada, *Monthly Statistics, Income Security Programs, March 1982 and 1983.*

Notes: 1. Recipients as of March of years specified.

2. In 1975, the Spouse's Allowance was introduced effective October of that year to assist married couples of limited income, of whom one is already an Old Age Security pensioner and the other is in the 60 to 64 age group. More recently, it has been expanded to allow continued payment to the surviving spouse after the death of the pensioner if there was entitlement to the allowance for the month in which the pensioner died.

3. Benefit Payments figures have been adjusted for retroactive payments and recoveries. These payments are for fiscal years ending March 31.

Table 30.23 Canada Pension Plan Monthly Contributions and Benefits, Canada, 1966 to 1984

Year	Year's Basic Exemption	Year's Maximum Pensionable Earnings	Employees' Maximum Contributions	Maximum Monthly Pension			
				Retirement	Spouse Under 65	Orphan	Disability
				dollars			
1984	2,000	20,800	338.40	387.50	229.18	83.87	374.50
1983	1,800	18,500	300.60	345.15	208.03	78.60	337.46
1982	1,600	16,500	268.20	307.65	186.17	70.68	301.42
1981	1,400	14,700	239.40	274.31	165.78	62.91	268.64
1980	1,300	13,100	212.40	244.44	148.92	57.25	240.58
1979	1,100	11,700	190.80	218.06	134.28	52.51	216.06
1978	1,000	10,400	169.20	194.44	121.11	48.19	194.02
1977	900	9,300	151.20	173.61	109.94	44.84	175.05
1976	800	8,300	135.00	154.86	99.51	41.44	157.59
1975	700	7,400	120.60	122.50	88.31	37.27	139.35
1974	700	6,600	106.20	98.33	76.73	33.76	125.95
1973	600	5,600	90.00	80.21	70.34	28.15	114.09
1972	600	5,500	88.20	67.50	69.79	27.60	111.98
1971	600	5,400	86.40	55.21	68.47	27.06	109.88
1970	600	5,300	84.60	43.33	67.16	26.53	92.88
1969	600	5,200	82.80	31.88	65.85	26.01	–
1968	600	5,100	81.00	20.97	64.82	25.50	–
1967	600	5,000	79.20	10.42	–	–	–
1966	600	5,000	79.20	–	–	–	–

Source: Canadian Tax Foundation, *The National Finances*.

Notes:
1. Data are as of January 1 of each year specified from inception of program.
2. Members of the Canadian labour force (both employees and self-employed persons) between the ages of 18 and 65 who earn over the Year's Basic Exemption must contribute to either the Canada Pension Plan or the Quebec Pension Plan. Persons over age 65 still in the labour force have the option of continuing to contribute until age 70.
3. Employers make contributions equal to their employees. Self-employed persons contribute both as employer and employee. Their contribution is double the amount shown for Employees' Maximum Contributions.
4. Benefits payable under the Canada Pension Plan may be classified under three major headings: retirement pensions; survivors' benefits (i.e., surviving spouses' pensions, orphans' benefits, and lump-sum death benefits); and disability benefits (i.e., pensions for disabled contributors and benefits for their dependent children).
5. Pension payments began in January 1967 and were phased in over the first 10 years up to the full rate of 25 percent of pensionable earnings.
6. Disability benefits first became payable in February 1970.

Table 30.24 Canada Pension Plan Beneficiaries and Payments by Type of Benefit, Ontario, 1969/70 to 1982/83

	Beneficiaries					Benefit Payments	
Year	Retirement	Disability	Survivors	Total	% of Canada	Total	% of Canada
	number					$ million	
1982/83	470,959	81,800	209,014	761,773	50.1	1,501.8	52.1
1981/82	444,403	71,528	194,344	710,275	50.2	1,284.7	52.3
1980/81	415,299	66,325	181,015	662,639	50.3	1,054.2	52.4
1979/80	384,580	61,906	164,744	611,230	50.3	858.0	52.5
1978/79	339,135	59,153	139,797	538,085	48.7	706.4	53.2
1977/78	310,565	54,493	130,735	495,793	49.2	566.0	52.5
1976/77	281,215	50,099	118,430	449,744	49.6	446.9	53.6
1975/76	245,103	41,000	105,780	391,883	50.0	313.8	53.4
1974/75	197,591	31,897	90,643	320,131	50.3	210.3	52.7
1973/74	164,346	24,978	78,995	268,319	50.7	148.7	53.5
1972/73	136,692	17,645	66,173	220,510	50.9	111.1	53.9
1971/72	113,916	9,512	51,719	175,147	51.4	77.7	53.8
1970/71	89,972	2,561	37,847	130,380	51.7	48.8	54.7
1969/70	60,907	67	22,795	83,769	52.3	25.9	54.8

Source: Health and Welfare Canada, *Canada Pension Plan Reports*.

Notes:
1. The plan is applicable throughout Canada except in the Province of Quebec where a comparable pension plan has been established. The two plans together cover virtually all members of the Canadian labour force.
2. Beneficiaries are as of March of years specified.
3. See Table 30.23, notes 4 and 6.
4. Survivors' benefits are payable to surviving spouses and orphans of deceased contributors.
5. A person may receive a retirement pension or a disability pension together with a surviving spouse's pension.
6. Payments are for fiscal years ending March 31.

Table 30.25 Canada Pension Plan Contributions and Contributors by Employment Status, Ontario, 1970 to 1981

	Contributors					Contributions	
Year	Employed	Self-employed	Mixed	Total	% of Canada	Total	% of Canada
	'000's					$ millions	
1981	3,925.0	190.5	122.1	4,237.5	49.1	1,535.9	48.9
1980	3,747.8	193.2	117.3	4,058.3	49.5	1,316.1	49.5
1979	3,790.2	200.0	127.6	4,117.8	50.5	1,216.2	50.6
1978	3,630.0	188.7	120.6	3,939.3	50.6	1,049.5	50.9
1977	3,625.9	186.6	117.5	3,930.0	51.3	951.5	51.6
1976	3,610.7	185.2	115.3	3,911.2	51.7	858.7	52.0
1975	3,559.7	182.8	111.3	3,853.7	57.2	756.9	52.3
1974	3,473.5	177.9	110.4	3,761.8	58.1	658.3	53.1
1973	3,590.8	174.2	109.8	3,874.7	52.7	543.4	53.7
1972	3,463.9	169.9	101.7	3,735.5	52.9	494.2	54.3
1971	3,325.9	183.6	86.1	3,595.5	53.2	455.8	54.8
1970	3,252.0	175.5	82.7	3,510.2	53.6	428.7	55.3

Source: Health and Welfare Canada, *Canada Pension Plan Contributors*.

Notes:
1. A contributor having earnings only from salary and wages is considered an employee. Contributors having only earnings from self-employment are classified as Self-employed. If a contributor has both employment and self-employment earnings, he is classified as Mixed.
2. See Table 30.23, notes 2 and 3.

Table 30.26 Family Allowances, Recipients and Benefit Payments, Ontario, 1971/72 to 1982/83

Year	Recipients		Average Monthly Benefit Per Child	Benefit Payments	
	Families	Children		Total	% of Canada
	'000's		$	$ millions	
1982/83	1,268.0	2,293.9	28.52	763.5	34.2
1981/82	1,270.4	2,316.1	26.91	699.4	34.6
1980/81	1,281.4	2,361.9	23.96	644.8	34.8
1979/80	1,286.2	2,407.1	21.80	600.9	34.8
1978/79	1,285.8	2,451.0	20.00	726.7	34.7
1977/78	1,284.6	2,500.6	25.68	740.4	34.9
1976/77	1,274.5	2,534.9	23.89	694.3	35.1
1975/76	1,259.3	2,557.2	22.08	685.8	35.0
1974/75	1,241.3	2,566.8	22.08	612.1	34.0
1973/74	1,199.5	2,534.6	20.00	330.8	35.1
1972/73	1,115.6	2,402.9	6.75	190.3	34.7
1971/72	1,102.8	2,382.3	6.79	191.4	34.5

Sources: Statistics Canada, *Social Security National Programs, Family Allowances and Related Programs*, (86-508).
Health and Welfare Canada, *Monthly Statistics Income Security Programs, March 1982 and 1983.*

Notes:
1. Recipients and Average Monthly Benefit Per Child are as of March of years specified.
2. Families includes non-family accounts payable to child-placing agencies, administrators, and trustees, constituting about 1 percent of all active accounts.
3. A new Family Allowances program was introduced in 1974, replacing the old Family Allowances, Family Assistance and Youth Allowances.
4. The Family Allowances rate was dropped to $20 per month as of January 1979, from a rate of $25.68 in 1978/79. This reduction in rate was intended to provide funds for the new Child Tax Credit program.
5. Benefit Payments have been adjusted for retroactive payments and recoveries. Payments are for fiscal years ending March 31.

Table 30.27 Unemployment Insurance, Maximum Rates of Weekly Benefit, Canada, Effective Dates, 1941 to 1984

Year	Effective Date	Person Without Dependent	Person With Dependent
		dollars	
1984	January 1	255.00	255.00
1983	January 1	231.00	231.00
1982	January 1	210.00	210.00
1981	January 1	189.00	189.00
1980	January 1	174.00	174.00
1979	January 1	159.00	159.00
1978	January 1	160.00	160.00
1977	January 1	147.00	147.00
1976	January 1	133.00	133.00
1975	January 1	123.00	123.00
1974	January 1	113.00	113.00
1973	January 1	107.00	107.00
1971	August 28	100.00	100.00
1971	January 3	46.00	58.00
1968	June 30	42.00	53.00
1959	September 27	27.00	36.00
1955	October 2	23.00	30.00
1952	July 14	17.10	24.00
1950	July 1	16.20	21.00
1948	October 4	14.40	18.30
1946	October 1	12.30	14.40
1941	July 1	12.24	14.40

Source: Canadian Tax Foundation, *The National Finances.*

Note: Data refer to effective dates of change from inception of the system.

Table 30.28 Unemployment Insurance Contributions and Beneficiaries by Sex, Ontario Compared to Canada, 1972 to 1982

Year	Contributors		Contributions		Beneficiaries		Benefit Payment	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	'000's		$ millions		'000's		$ millions	
Male								
1982	2,389.0	37.3	502.8	38.3	579.2	30.4	..	..
1981	2,429.1	36.8	517.5	37.8	416.2	29.2	..	..
1980	2,358.9	36.8	347.9	37.9	404.3	30.1	..	..
1979	2,366.0	37.2	317.1	38.3	391.2	28.8	..	..
1978	2,351.1	37.4	319.4	38.7	414.9	28.0	..	..
1977	2,343.8	37.5	295.6	39.9	422.1	28.6	..	..
1976	2,349.1	37.8	298.0	39.3	425.2	30.0	..	..
1975	2,359.7	37.9	232.0	39.4	473.3	31.8	..	..
1974	2,348.9	38.2	199.8	39.9	352.4	29.1	..	..
1973	2,284.6	38.6	119.2	40.6	338.6	28.8	..	..
1972	2,200.1	38.8	86.8	40.8	358.5	30.1	..	..
Female								
1982	1,866.4	39.1	291.7	39.3	395.8	32.5	..	..
1981	1,873.8	38.7	286.2	38.9	325.6	32.4	..	..
1980	1,752.5	38.6	181.1	39.2	302.9	32.5	..	..
1979	1,735.3	39.2	162.4	40.0	308.7	31.6	..	..
1978	1,682.0	39.3	161.4	40.0	334.9	32.2	..	..
1977	1,642.6	39.6	146.7	40.5	333.5	33.3	..	..
1976	1,620.6	39.2	144.8	41.1	347.3	35.3	..	..
1975	1,600.1	40.4	108.1	41.8	359.6	37.2	..	..
1974	1,569.6	41.1	86.7	42.8	312.8	36.4	..	..
1973	1,463.3	41.3	48.0	43.7	300.7	36.2	..	..
1972	1,363.6	41.6	33.6	44.3	268.3	37.7	..	..
Total								
1982	4,255.4	38.1	794.4	38.7	975.0	31.2	2,380.6	27.8
1981	4,302.8	37.6	803.7	38.2	741.8	30.5	1,258.0	26.1
1980	4,111.4	37.5	529.0	38.3	707.2	31.1	1,236.6	28.1
1979	4,101.3	38.0	479.4	38.9	700.0	30.0	1,024.3	25.6
1978	4,033.0	38.2	480.8	39.1	749.8	29.7	1,160.8	25.6
1977	3,986.4	38.4	442.4	39.4	755.6	30.5	1,004.0	25.8
1976	3,969.7	38.6	442.8	39.9	772.4	32.2	920.9	27.6
1975	3,959.8	38.9	340.1	40.2	832.9	33.9	974.6	31.0
1974	3,918.4	39.8	286.5	40.8	665.1	32.2	606.0	28.6
1973	3,747.9	39.6	167.2	41.4	639.3	31.9	604.7	30.2
1972	3,563.7	39.8	120.4	41.7	626.8	32.9	603.2	32.2

Source: Statistics Canada, *Benefit Periods Established and Terminated Under the Unemployment Insurance Act*, (73-201).

Notes: 1. A contributor is a person for whom the employer deducts unemployment insurance premium from earnings. Thus, the data provide an unduplicated count of all employees who worked during a calendar year and made contributions under the Unemployment Insurance Act.

2. A beneficiary is a person who received unemployment insurance benefits during a calendar year. The data show an unduplicated count of beneficiaries, that is, during any one year each beneficiary is counted only once regardless of the number of times benefits were collected during that period.

Table 30.29 Unemployment Insurance Contributions and Beneficiaries by Sex and Age Groups, Ontario Compared to Canada, 1981

	Contributors		Contributions		Beneficiaries		Average Total Regular Payment	
	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	'000's		$ millions		'000's		$	
Male								
Under 20 Years	333.3	37.1	25.0	33.6	41.0	27.2	1,900	85.5
20 - 24	373.7	34.0	66.9	34.2	95.8	27.9	2,018	84.2
25 - 34	652.8	35.2	156.7	36.5	112.0	27.7	2,211	84.4
35 - 44	451.2	37.6	115.9	38.8	63.4	30.2	2,121	81.1
45 - 54	371.1	39.9	95.1	41.2	53.1	32.2	2,252	83.5
55 - 65	247.0	40.2	57.9	41.7	51.0	33.2	2,844	88.0
Total	2,429.1	36.8	517.5	37.8	416.2	29.2	2,186	84.3
Female								
Under 20 Years	299.9	38.5	17.6	33.9	22.6	27.4	1,351	80.9
20 - 24	332.8	35.5	49.0	34.9	72.9	29.7	1,633	81.4
25 - 34	517.1	37.8	91.9	38.8	111.5	32.7	2,068	85.7
35 - 44	338.1	39.7	60.5	40.4	53.7	33.6	1,968	84.3
45 - 54	249.0	41.9	44.3	42.6	37.3	34.8	1,980	83.2
55 - 65	136.8	42.9	23.0	43.6	27.6	38.7	2,249	83.1
Total	1,873.8	38.7	286.2	38.9	325.6	32.4	1,900	84.3
Total								
Under 20 Years	633.2	37.8	42.5	33.7	63.6	27.3	1,717	84.1
20 - 24	706.5	34.7	115.9	34.5	168.7	28.7	1,892	83.5
25 - 34	1,169.9	36.3	248.7	37.3	223.5	30.0	2,162	84.8
35 - 44	789.4	38.5	176.4	39.3	117.1	31.7	2,063	82.2
45 - 54	620.0	40.7	139.4	41.6	90.4	33.2	2,154	83.4
55 - 65	383.8	41.1	80.9	42.3	78.6	35.0	2,660	86.3
Total	4,302.8	37.6	803.7	38.2	741.8	30.5	2,087	84.2

Source: Statistics Canada, *Benefit Periods Established and Terminated Under the Unemployment Insurance Act*, (73-201).

Note: See notes, Table 30.28

Table 30.30 Unemployment Insurance Claims Received, Ontario and Other Regions of Canada, Selected Years, 1951 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1982	1,333.2	416.4	1,118.9	1,049.8	3,919.2	34.0
1981	946.8	373.6	947.5	678.7	2,947.4	32.1
1980	944.7	350.5	860.0	606.1	2,762.2	34.2
1979	868.1	337.8	820.8	572.5	2,600.1	33.4
1978	907.5	366.9	888.3	644.1	2,808.5	32.3
1977	919.9	350.5	884.9	647.8	2,806.0	32.8
1976	906.7	333.7	844.9	589.6	2,678.2	33.9
1975	1,037.3	328.5	851.4	638.3	2,857.2	36.3
1974	844.1	290.8	729.7	544.9	2,410.4	35.0
1973	761.8	266.6	651.7	556.7	2,237.5	34.0
1972	838.7	272.1	718.5	639.9	2,469.9	34.0
1971	799.8	276.1	693.6	601.0	2,371.0	33.7
1966	473.9	226.1	492.7	354.9	1,547.7	30.6
1961	828.2	313.3	733.5	585.6	2,460.5	33.7
1956	529.5	214.8	529.5	351.6	1,625.4	32.6
1951	363.4	127.1	359.6	294.0	1,144.1	31.8

Source: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act*, (73-001).

Notes: 1. Data include initial and renewal claims.
2. From 1971 on, Canada figures include claimants outside Canada.

Table 30.31 Unemployment Insurance Claims Allowed, Ontario and Other Regions of Canada, 1972 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1982	1,196.7	399.6	1,032.2	924.4	3,553.6	33.7
1981	785.3	337.8	832.8	551.7	2,508.2	31.3
1980	817.0	308.9	762.1	502.6	2,391.3	34.2
1979	764.3	305.6	749.8	486.7	2,307.4	33.1
1978	824.4	347.4	835.4	588.9	2,597.4	31.7
1977	839.0	329.2	828.1	588.0	2,586.6	32.4
1976	831.5	319.2	776.8	540.9	2,471.0	33.6
1975	949.0	308.2	788.5	584.8	2,631.6	36.1
1974	760.7	271.2	659.7	485.8	2,178.0	34.9
1973	688.0	253.3	589.4	513.2	2,044.5	33.7
1972	764.8	251.3	657.0	586.8	2,260.6	33.8

Source: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act*, (73-001).

Notes: 1. When a person applies for benefit, the claim is adjudicated and is either allowed or disallowed. A claim could be allowed with or without disqualification or disentitlement.

2. See Table 30.30, note 2.

Table 30.32 Unemployment Insurance, Disqualifications and Disentitlements, Ontario and Other Regions of Canada, Selected Years, 1951 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1982	483.6	138.4	413.9	384.7	1,421.0	34.0
1981	410.1	140.2	395.8	319.7	1,266.2	32.4
1980	467.2	137.2	410.8	325.4	1,341.0	34.8
1979	431.7	144.4	435.9	335.0	1,347.6	32.0
1978	459.2	153.6	441.1	348.7	1,403.2	32.7
1977	517.0	159.4	475.4	385.1	1,537.9	33.6
1976	609.0	174.4	535.8	440.4	1,760.7	34.6
1975	551.5	151.1	421.9	445.6	1,570.7	35.1
1974	514.0	137.4	397.1	391.0	1,439.9	35.7
1973	411.7	120.6	322.2	358.7	1,213.5	33.9
1972	283.2	81.4	264.2	257.4	886.5	31.9
1971	177.6	50.4	160.1	138.4	526.6	33.7
1966	156.2	40.6	125.3	88.9	411.0	38.0
1961	128.5	36.4	121.2	79.5	365.5	35.1
1956	64.8	21.5	73.3	46.6	206.3	31.4
1951	52.0	14.0	56.7	39.3	162.0	32.1

Source: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act*, (73-001).

Notes: 1. A disqualification or disentitlement is imposed on a claimant because of circumstances surrounding the claim rendering the person ineligible for the receipt of benefit for a stated period (disqualification) or so long as the condition causing the non-receipt of benefit continues (disentitlement). The minimum duration of a disentitlement is one day.

2. A claimant could be disqualified from receiving benefits if employment were lost due to misconduct or voluntarily leaving employment without just cause.

3. Prior to 1972, data reflect the number of persons disqualified. Since 1972, data show number of disqualifications/disentitlements imposed. Although several disqualifications/disentitlements are possible against any person at the same time, a maximum of two only are counted.

4. See Table 30.30, note 2.

Table 30.33 Unemployment Insurance, Disqualifications and Disentitlements by Reason, Ontario and Other Regions of Canada, 1982

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Not Unemployed or No Interruption of Earnings	175.9	49.8	204.1	111.6	541.5	32.5
Not Capable or Not Available	95.9	28.3	63.3	92.8	280.5	34.2
Labour Dispute	8.0	2.3	7.5	5.5	23.3	34.1
Refusal of Suitable Work	1.6	1.4	1.4	2.3	6.7	23.5
Misconduct	13.1	2.4	7.0	13.4	35.9	36.5
Voluntary Quit	70.8	23.9	41.1	75.5	211.6	33.5
Incomplete Documentation	63.6	7.2	37.2	37.7	145.7	43.6
Failure to Search for Work	1.9	--	0.2	0.6	2.8	68.8
Other	52.9	23.1	51.9	45.3	173.2	30.5
Total	483.6	138.4	413.9	384.7	1,421.0	34.0

Source: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act*, (73-001).

Note: See notes, Table 30.32 for definitions of disqualifications and disentitlements.

Table 30.34 Unemployment Insurance, Total Weeks Paid, Ontario and Other Regions of Canada, Selected Years, 1951 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
1982	16,932	8,895	20,886	13,717	60,441	28.0
1981	9,627	7,045	14,062	6,270	37,011	26.0
1980	10,096	6,778	13,424	6,028	36,333	27.8
1979	9,324	6,876	14,036	6,651	36,896	25.3
1978	10,553	7,374	15,538	7,872	41,355	25.5
1977	10,011	7,002	14,726	6,936	38,702	25.9
1976	9,958	6,261	13,576	6,368	36,190	27.5
1975	11,431	5,954	13,014	6,912	37,327	30.6
1974	8,001	4,846	9,971	5,636	28,461	28.1
1973	8,764	4,500	9,348	6,917	29,537	29.7
1972	9,672	4,137	9,236	7,411	30,461	31.8
1971	7,555	2,890	6,674	5,510	22,634	33.4
1966	3,365	2,224	3,813	2,639	12,041	27.9
1961	6,554	3,073	6,330	4,778	20,735	31.6
1956	3,202	1,661	3,844	2,469	11,177	28.6
1951	1,316	608	1,762	1,479	5,165	25.5

Source: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act*, (73-001).

Notes: 1. The number of weeks paid is the number of weeks of all benefits paid, including full and partial weeks. The number of weeks for retroactive payments is not included.

2. See Table 30.30, note 2.

Table 30.35 Unemployment Insurance, Average Weekly Payment, Ontario and Other Regions of Canada, Selected Years, 1951 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada
			dollars		
1982	145	134	141	157	145
1981	131	122	129	143	130
1980	122	113	120	130	121
1979	110	101	108	116	109
1978	110	103	109	116	110
1977	101	95	101	108	101
1976	93	87	92	100	93
1975	86	77	83	91	85
1974	76	67	74	80	75
1973	70	60	68	73	68
1972	63	53	62	63	62
1971	40	36	39	39	39
1966	24	24	25	24	25
1961	24	23	24	24	24
1956	19	18	19	19	19
1951	15	15	14	15	15

Source: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act*, (73-001).

Notes: 1. Average weekly payment is the gross amount of all benefits paid divided by the number of weeks of benefit paid during the month. Since February 1982, this average excludes work sharing and job creation benefits in order to maintain comparability with previous data.

2. See Table 30.30, note 2.

Table 30.36 Unemployment Insurance, Amount of Benefit Paid, Ontario and Other Regions of Canada, Selected Years, 1951 to 1982

Year	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			$ millions			
1982	2,380.6	1,193.8	2,899.4	2,100.0	8,575.4	27.8
1981	1,258.0	867.5	1,816.6	885.0	4,828.3	26.1
1980	1,236.6	773.0	1,608.5	774.3	4,393.3	28.1
1979	1,024.3	697.0	1,520.2	765.5	4,008.0	25.6
1978	1,160.8	762.2	1,699.9	912.0	4,536.9	25.6
1977	1,004.0	667.5	1,472.7	737.8	3,885.0	25.8
1976	920.9	549.6	1,246.1	623.0	3,342.2	27.6
1975	974.6	466.1	1,073.5	628.5	3,144.0	31.0
1974	606.0	330.2	735.6	446.8	2,119.2	28.6
1973	604.7	275.6	630.7	492.7	2,004.2	30.2
1972	603.2	225.2	567.2	475.8	1,871.8	32.2
1971	301.1	105.9	263.4	220.1	890.6	33.8
1966	82.3	53.1	94.5	65.4	295.3	27.9
1961	156.6	70.0	150.0	117.4	494.0	31.7
1956	60.2	30.9	73.1	46.1	210.3	28.6
1951	19.4	8.9	25.2	22.5	76.0	25.5

Source: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act*, (73-001).

Notes: 1. From 1978 to 1982, figures are gross amounts representing total unemployment insurance disbursements, including deductions for income tax, made to claimants during the month. They also include amounts for retroactive payments. Prior to 1977, figures are net amounts, in that cancelled warrants and collection of overpayments are excluded.

2. See Table 30.30, note 2.

Table 30.37 **Unemployment Insurance, Benefit Payments by Type, Ontario and Other Regions of Canada, 1982**

	Ontario	Atlantic	Quebec	West	Canada	Ontario % of Canada
			'000's			
Weeks Paid						
Regular	14,331.3	7,806.3	19,134.1	11,838.6	53,118.9	27.0
Sickness	439.1	113.1	308.1	308.2	1,168.7	37.6
Maternity	780.2	146.0	522.0	592.7	2,042.0	38.2
Retirement	45.9	7.3	23.0	28.4	104.6	43.9
Fishing	11.9	532.0	60.6	83.7	688.1	1.7
Training	485.1	206.9	337.5	414.6	1,444.1	33.6
Work Sharing	801.4	64.3	495.3	414.2	1,775.2	45.1
Job Creation	37.4	19.3	5.8	37.3	99.8	37.5
Total	16,932.3	8,895.2	20,886.3	13,717.6	60,441.5	28.0
			dollars			
Average Weekly Benefit						
Regular	145	131	141	157	144	...
Sickness	150	139	147	156	149	...
Maternity	154	144	155	159	155	...
Retirement	174	168	176	174	174	...
Fishing	167	166	166	162	163	...
Training	138	125	133	152	140	...
Work Sharing	46	48	48	50	47	...
Job Creation	238	235	242	254	238	...
Total	145	134	141	157	145	...
			$ millions			
Benefit Payment						
Regular	2,072.5	1,037.2	2,689.0	1,845.9	7,646.0	27.1
Sickness	65.7	15.8	45.3	47.6	174.4	37.6
Maternity	120.0	21.1	81.0	93.8	316.0	38.0
Retirement	8.0	1.2	4.1	4.9	18.2	43.9
Fishing	2.0	84.7	10.1	15.1	111.9	1.8
Training	67.0	26.2	44.9	64.0	202.1	33.1
Work Sharing	36.6	3.0	23.7	19.8	83.2	44.0
Job Creation	8.9	4.5	1.4	8.9	23.7	37.6
Total	2,380.6	1,193.8	2,899.4	2,099.9	8,575.4	27.8

Source: Statistics Canada, *Statistical Report on the Operation of the Unemployment Insurance Act*, (73-001).

Notes:
1. See notes on Tables 30.34 and 30.35 for definitions of week paid and average weekly payment.
2. Training benefits are available to claimants who take courses which are approved by the Unemployment Insurance Commission.
3. The Work Sharing program provides for a reduction in the working hours of the entire group in a company, with the financial loss to the individuals involved being partially offset by Work Sharing benefits from unemployment insurance.
4. A claimant participating in a job creation program receives either regular unemployment insurance benefits or payment according to specified project rates, whichever is greater. Project rates are based on regional rates of pay prevailing for the occupation, to a maximum of $240.00 weekly.
5. Unemployment insurance benefit data for recipients outside Canada are included in Canada totals only.

Chapter 31
Education

Education

The education system in Ontario involves all three levels of government as well as some private sector activity. Responsibility for education under The Constitution Act is provincial. The Provincial Government discharges its responsibility for elementary and secondary school education through local school boards in accordance with the Education Act. These boards are composed of elected trustees and are funded through a combination of Provincial grants and municipal taxes. These taxes go to public school boards unless the ratepayer specifically elects to direct taxes to separate school boards operating Roman Catholic schools. The separate schools receive Provincial grants and subsidies up to Grade 10.

Post-secondary education is provided through universities and community colleges which are co-ordinated and financially supported by the Ontario Government through the Ministry of Colleges and Universities. Private schools, church-affiliated or non-sectarian, are operated and administered by private individuals or groups. They comprise less than 4% of the total expenditures in the education system. The federal government provides some financial support for post-secondary education under the Federal-Provincial Fiscal Arrangements and Established Programs Financing Act.

This chapter provides a statistical overview of the elementary, secondary and post-secondary levels of education in Ontario. It presents data on enrolment, teachers, graduates, school board financing and the level of education of Ontario's population. Interprovincial comparisons of education statistics are limited because education systems vary significantly from province to province, making meaningful comparisons difficult.

There are 187 school boards in Ontario, including 58 Roman Catholic and two Protestant separate school boards, of which 177 operate over 5,000 public elementary and secondary schools. Most boards of education operate composite secondary schools that offer academic, commercial and technical courses as well as a wide variety of summer school programs and evening courses of study. They also provide education programs in care and treatment facilities and operate schools or programs for trainable retarded students. Boards may operate schools for vocational training. They have the legislative authority to establish classes or entire schools for French-language education when a sufficient number of students elect to be taught in French. French Immersion is offered by about 40% of all school boards, while 80% of school boards now begin core French by Grade 4.

The Province, through the Provincial Schools and Correspondence Education Branches, provides direction and supervision for the education of Ontario residents not provided for by local school boards. In this respect, the Ministry of Education:

- directly operates three schools for the deaf, one for the blind and two demonstration schools for the learning disabled;
- funds a demonstration school operated by the University of Ottawa;
- provides correspondence courses at the elementary and secondary school level;
- provides educational programs for training schools and developmental centre schools operated by the Ministry of Community and Social Services, and for the five regional schools for nursing assistants funded by the Ministry of Colleges and Universities.

The federal government offers direct educational services to Indian bands in Ontario at the elementary-secondary level, and pays tuition to other school boards providing Native education. The federal and Provincial Governments co-sponsor a program to train Native people to provide counselling services to Native students in elementary and secondary schools.

There are 22 Colleges of Applied Arts and Technology (CAAT) spread out over 90 campuses which serve all major economic regions of Ontario. These, and related institutions such as the Niagara Parks Commission School of Horticulture, the Agricultural Colleges and the Institute of Medical Technology, form a college system which offers a variety of full and part-time career-oriented programs for secondary school graduates and mature students who have not completed secondary school. Generally, colleges offer diploma programs which last two or three years, or certificate programs which last less than one year. In addition, colleges play a major role in a number of Provincial skill training programs:

- they provide the institutional portion of training under the apprenticeship program;
- they assist employers under the Training in Business and Industry Program to upgrade worker skills relative to changing work environment;

- they provide young people with opportunities to gain enough experience to obtain their first career-related job under the Ontario Career Action Program;
- they participate in the Ontario Management Development Program to help managers improve their supervisory skills.

During the 1982/83 school year, the CAAT's had an enrolment of more than 88,000 full-time students in certificate and diploma programs, in addition to those attending as part of their apprenticeship training. There were approximately 580,000 part-time course registrations. Statistics shown on colleges relate to certificate and diploma programs, as well as programs relating to vocational and industrial training.

Ontario has fifteen provincially supported universities which offer a multitude of programs leading to degrees at both the graduate and undergraduate levels. In addition, Ryerson Polytechnical Institute offers diplomas and bachelors' degrees in many science and technology fields, the Ontario College of Art offers diplomas in Fine Arts and the Royal Military College provides a university level education to Canadian Forces personnel. Generally, admission to a university in Ontario is contingent upon a secondary school honours graduation diploma, although mature students can be accepted under specified conditions. Undergraduate degree (bachelor's) programs last from three to five years, depending upon the entrant's qualifications and the nature of the degree sought (pass or honours). A bachelor's degree at the honours level, or equivalent, is necessary for acceptance into a master's program, which takes one to two years to complete. Doctoral studies usually specify that an entrant have a master's degree in the same field.

Sources of Data

The main source for statistics presented in the tables relating to the elementary-secondary school system is *Education Statistics*, published annually by the Ontario Ministry of Education. The basic information produced in this publication comes from the September school reports, completed by all school principals in Ontario. Another major source is the Education, Science and Culture Division of Statistics Canada. This Division conducts regular surveys and compiles the material into a number of regular publications which provide both specific and general statistical information on the educational system in Canada.

Statistics presented in this chapter on colleges and universities are obtained from the Ontario Ministry of Colleges and Universities and Statistics Canada. Additional information on post-secondary education in Ontario can be obtained from *Statistical Summary*, published annually by the Ministry of Colleges and Universities. This report is compiled by the Research and Information Branch of the Ministry of Education from a variety of federal and Provincial sources.

Both the Ministries of Education and of Colleges and Universities publish a large number of informative reports on a wide variety of subjects relating to the educational system in Ontario. A listing of these publications can be found in *Ontario Government Publications Annual Catalogue*. Another annual publication, *Directory of Education*, produced jointly by these two Ministries, provides an index of addresses and phone numbers for school boards, schools and other facilities. Further information on Ontario's education system can be obtained from the Research and Information Branch of the Ministry of Education, telephone Toronto, 965-2636.

Education

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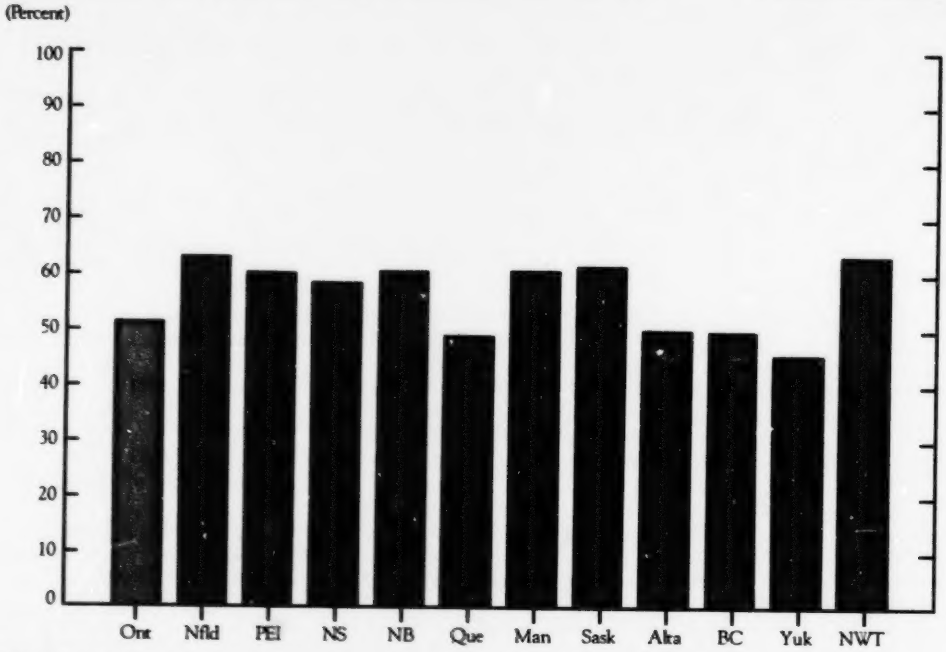
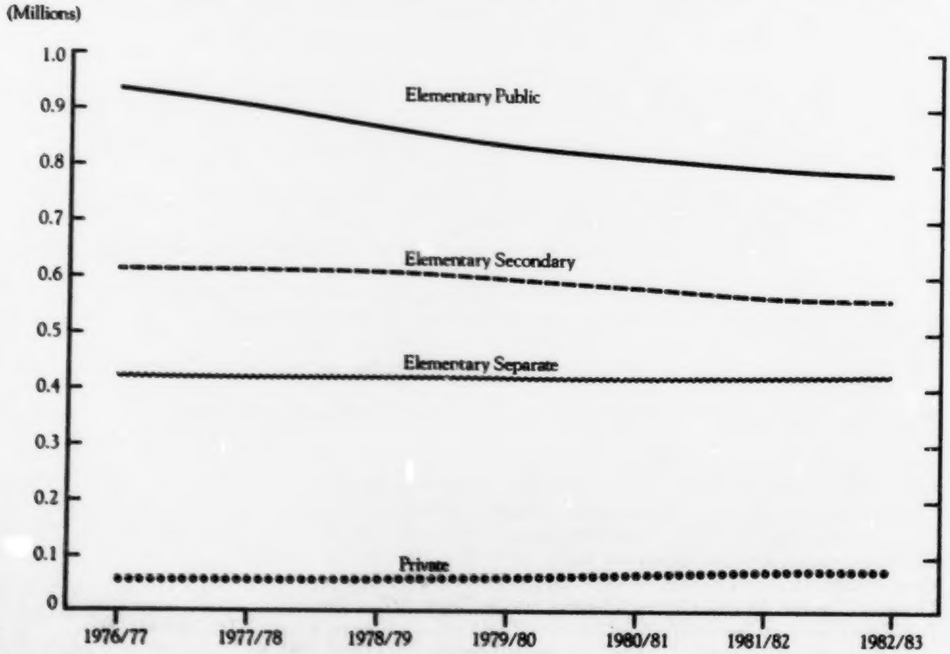
Chart 31.1 Education Indicator, Percent of Population 15 Years and Over Without Degrees, Certificates or Diplomas, Ontario, Other Provinces and Territories, Census Year, 1981



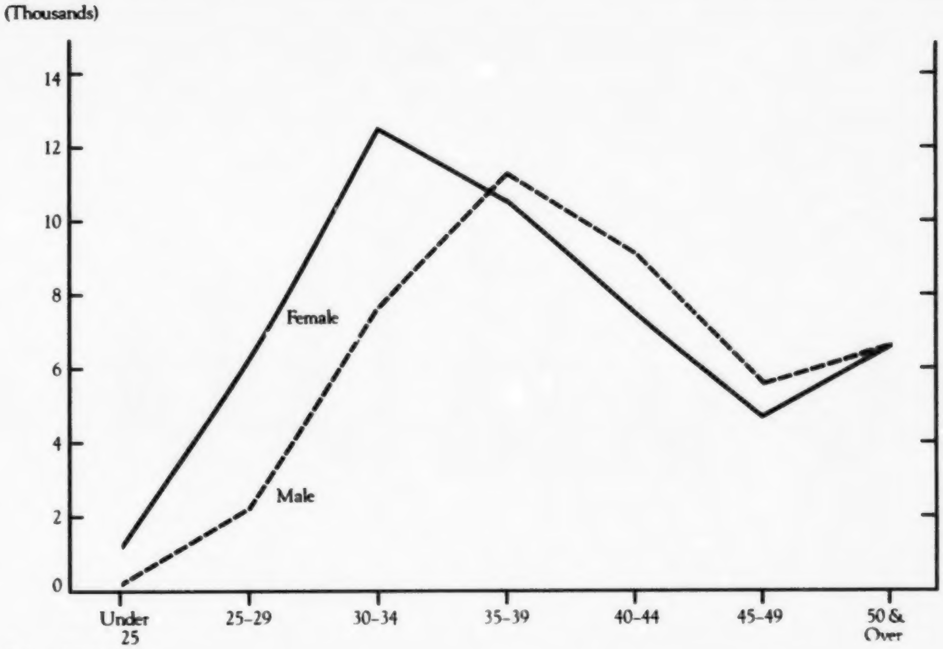
Refer to Table 31.2

Chart 31.2 Enrolment in Elementary and Secondary Schools, Ontario, 1976/77 to 1982/83



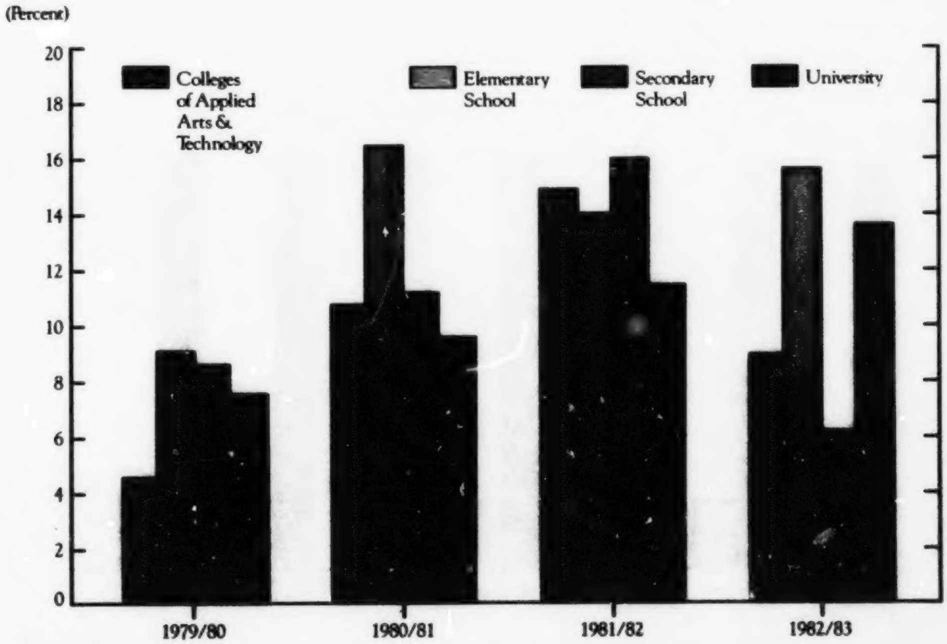
Refer to Table 31.6

Chart 31.3 Full-Time Teachers in Elementary and Secondary Schools by Age Group and Sex, Ontario, 1982/83



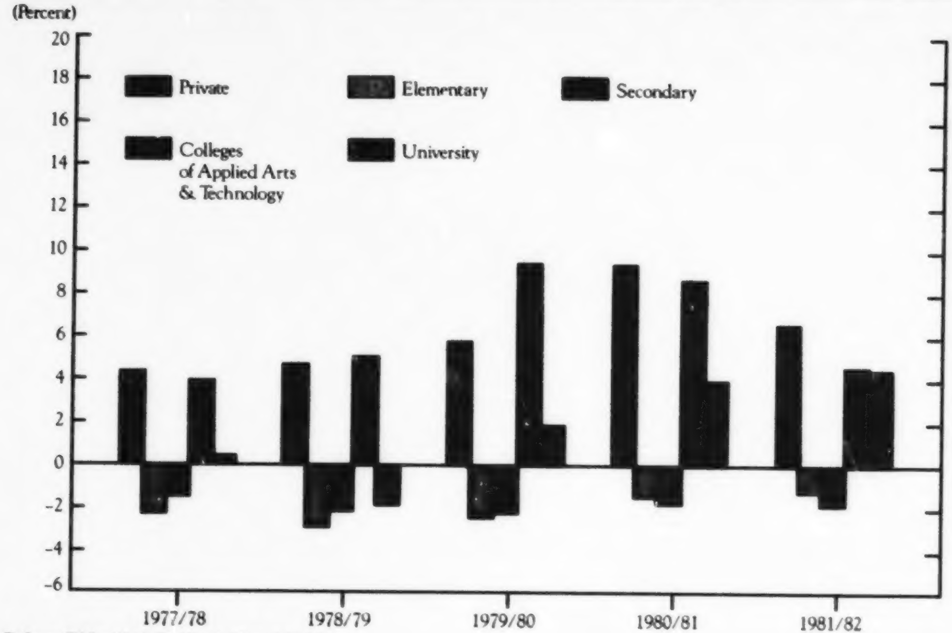
Refer to Table 31.16

Chart 31.4 Average/Median Salaries of Elementary/Secondary School and College/University Teachers, Percent Change, Ontario, 1979/80 to 1982/83



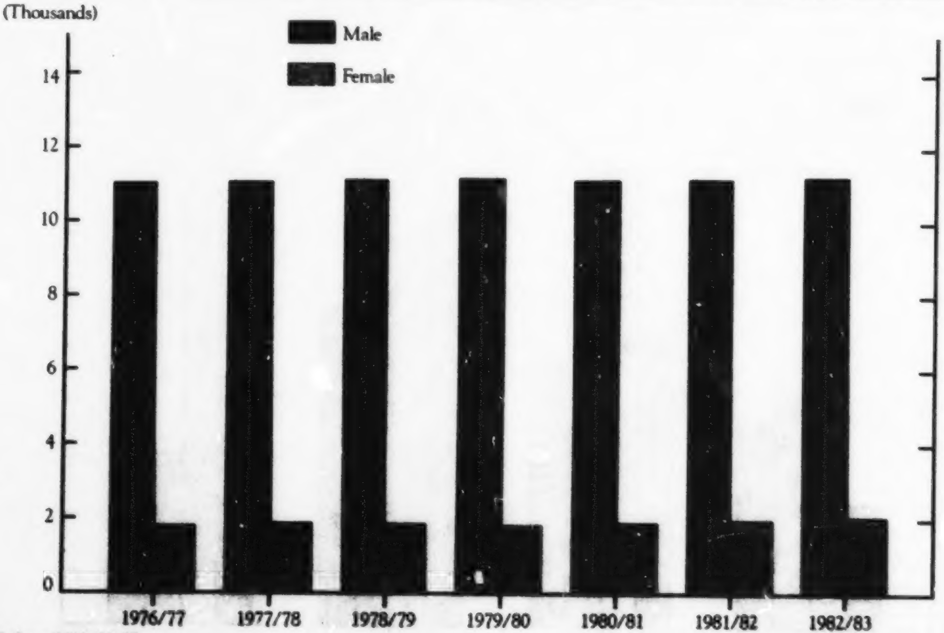
Refer to Tables 31.17, 31.25 and 31.34

Chart 31.5 Changes in School Enrolment, Ontario, 1977/78 to 1982/83



Refer to Tables 31.7, 31.10, 31.18 and 31.28

Chart 31.6 Full-Time University Teachers by Sex, Ontario, Selected Years, 1976/77 to 1982/83



Refer to Table 31.33

Table 31.1 Enrolment and Expenditure on Education, Ontario, 1982/83^{p}

	Institutions	Full-time Teachers	Full-time Enrolment	Total Expenditures on Education
	number		'000's	$ millions
Elementary-secondary Level				
Public	4,840	91,368	1,786.4	6,134.9
Federal	80	375	7.4	..
Private	502	3,250	81.5	234.2
Blind & Deaf	4	245	1.0	..
Total	5,426	95,238	1,876.2	6,369.1
Post-Secondary Level				
Community Colleges & Related Institutions	31	6,200	91.1	644.8
Universities	21	13,170	175.8	1,985.1
Total	52	19,370	266.9	2,629.9
Trade & Other Non-post-secondary Courses	...	...	...	433.7
Total	5,478	114,608	2,143.1	9,432.7

Source: Statistics Canada, Education, Culture and Tourism Division.

Notes:
1. Expenditures for Federal schools and schools for the Blind & Deaf are included in Public.
2. Some affiliates of post-secondary level institutions are counted as separate entities.
3. Related institutions of community colleges are colleges of agricultural technology, Ontario College of Art, Niagara Parks Commission School of Horticulture and Institute of Medical Technology.
4. Trade & Other Non-post-secondary Courses refers to courses in community colleges which do not require the completion of a secondary school diploma, e.g. industrial training, apprenticeship, registered nursing assistant programs, etc.

Table 31.2 Education Indicators for Population 15 Years and Over, Ontario, Other Provinces and Territories, Census Year 1981

	Median Years of Schooling	% Without Degrees, Certificates or Diplomas
Ontario	12.1	50.5
Newfoundland	10.5	62.1
Prince Edward Island	10.9	58.9
Nova Scotia	11.2	57.5
New Brunswick	11.0	59.4
Quebec	11.4	48.2
Manitoba	11.4	59.7
Saskatchewan	11.4	60.6
Alberta	12.3	49.2
British Columbia	12.3	48.9
Yukon	12.3	44.7
Northwest Territories	10.4	62.3
Canada	11.8	51.1

Source: Statistics Canada, *1981 Census of Canada, Schooling in Canada*, (99-938).

Table 31.3 Highest Level of Education by Sex for Population 15 Years and Over, Ontario, Census Year, 1981

	Not Attending School			Attending School Full-time		
	Male	Female	Total	Male	Female	Total
			number			
Elementary/Secondary						
Less Than Grade 5	107,240	132,335	239,575	155	135	295
Grades 5 - 8	424,200	472,110	896,315	10,215	7,070	17,285
Grades 9 - 13	696,245	827,960	1,524,195	218,625	198,505	417,140
Graduation Certificate	288,985	433,775	722,765	47,385	49,720	97,105
Trade Certificate or Diploma	166,320	43,285	209,605	2,255	1,445	3,695
Total	1,682,985	1,909,470	3,592,455	278,645	256,880	535,525
Other Non-university Education Only						
Without Trades Certificate or Diploma	116,830	163,580	280,410	31,890	28,515	60,405
With Trades Certificate or Diploma	202,190	136,230	338,415	8,870	6,515	15,380
With Other Certificate or Diploma	158,595	266,150	424,745	13,935	19,685	33,625
Total	477,610	565,960	1,043,570	54,695	54,720	109,410
University Only						
No Degree	66,455	43,360	109,815	44,930	38,055	82,985
With Certificate or Diploma	25,810	19,785	45,600	2,085	1,465	3,545
Bachelor's Degree or Higher	207,475	109,090	316,565	24,660	19,300	43,960
Total	299,740	172,235	471,980	71,675	58,820	130,495
University & Other Non-university Education						
No Certificate, Diploma or Degree	18,870	15,710	34,580	6,865	6,105	12,965
With Certificate or Diploma	67,605	71,870	139,480	6,320	6,735	13,050
Bachelor's Degree or Higher	73,955	58,495	132,450	6,995	6,135	13,135
Total	160,430	146,080	306,510	20,175	18,975	39,155
Total	2,620,765	2,793,755	5,414,515	425,195	389,385	814,580

Table 31.3 (cont'd.)

	Attending School Part-time			Total		
	Male	Female	Total	Male	Female	Total
			number			
Elementary/Secondary						
Less Than Grade 5	315	495	805	107,710	132,965	240,675
Grades 5 – 8	2,735	3,325	6,060	437,155	482,505	919,655
Grades 9 – 13	18,880	23,605	42,485	933,745	1,050,065	1,983,820
Graduation Certificate	16,480	26,290	42,770	352,850	509,790	862,645
Trade Certificate or Diploma	8,360	3,070	11,430	176,935	47,805	224,740
Total	46,775	56,775	103,550	2,008,405	2,223,125	4,231,530
Other Non-university Education Only						
Without Trades Certificate or Diploma	20,405	22,540	42,950	169,125	214,635	383,760
With Trades Certificate or Diploma	20,050	12,510	32,560	231,100	155,255	386,355
With Other Certificate or Diploma	27,530	38,555	66,090	200,060	324,395	524,460
Total	67,990	73,605	141,590	600,290	694,280	1,294,575
University Only						
No Degree	9,760	10,905	20,665	121,145	92,320	213,470
With Certificate or Diploma	2,815	3,345	6,160	30,710	24,595	55,300
Bachelor's Degree or Higher	27,675	23,215	50,895	259,815	151,605	411,420
Total	40,255	37,460	77,715	411,670	268,515	680,185
University & Other Non-university Education						
No Certificate, Diploma or Degree	5,515	6,905	12,420	31,245	28,725	59,975
With Certificate or Diploma	18,180	26,310	44,485	92,115	104,910	197,020
Bachelor's Degree or Higher	19,625	21,230	40,855	100,575	85,860	186,435
Total	43,320	54,450	97,765	223,930	219,500	443,425
Total	198,335	222,290	420,620	3,244,300	3,405,425	6,649,720

Source: Statistics Canada, *1981 Census of Canada, School Attendance and Level of Schooling, (92-914).*

Notes: 1. Based on 20% sample data.
2. Elementary/Secondary Less Than Grade 5 includes no schooling or kindergarten only.
3. Other Non-university Education Only refers to courses completed at post-secondary, non-university institutions which normally require a secondary school graduation certificate or equivalent for entrance.
4. University & Other Non-university Education refers to those with both levels of education.
5. University and non-university certificates include trades certificates, non-university certificates and university certificates or diplomas below bachelor level.

Table 31.4 School Board Finance, Ontario, Selected Years, 1971 to 1982

	Elementary								
	Public			Separate			Total		
Year	Expenditure	Provincial Grant	Property Taxes	Expenditure	Provincial Grant	Property Taxes	Expenditure	Provincial Grant	Property Taxes
	$ millions								
1982	2,169.1	891.4	..	1,106.7	889.0	..	3,275.8	1,780.4	..
1981	1,893.3	816.5	1,102.7	957.8	773.0	186.3	2,851.2	1,589.5	1,288.9
1980	1,700.2	734.3	981.4	839.5	680.2	164.4	2,539.7	1,414.5	1,145.9
1979	1,553.3	687.6	875.5	748.0	612.3	144.1	2,301.3	1,300.0	1,019.6
1978	1,474.9	677.1	800.2	690.5	561.2	127.9	2,165.4	1,238.3	928.1
1977	1,392.1	669.0	723.7	617.5	514.9	107.8	2,009.6	1,183.9	831.5
1976	1,283.1	617.9	654.7	561.1	464.5	96.5	1,844.2	1,082.4	751.2
1971	759.2	366.1	397.4	285.5	235.4	54.1	1,044.7	601.4	451.5

Table 31.4 (cont'd.)

	Secondary			Total		
Year	Expenditure	Provincial Grant	Property Taxes	Expenditure	Provincial Grant	Property Taxes
	$ millions					
1982	2,165.3	944.9	..	5,441.1	2,725.3	..
1981	1,914.6	896.6	1,063.7	4,792.8	2,486.1	2,352.6
1980	1,745.6	816.1	943.3	4,285.3	2,230.7	2,089.2
1979	1,617.7	755.9	860.7	3,919.0	2,055.9	1,800.4
1978	1,496.0	713.5	786.6	3,661.4	1,951.8	1,714.7
1977	1,397.4	686.6	711.5	3,407.1	1,870.6	1,543.0
1976	1,260.9	637.8	620.3	3,105.1	1,720.2	1,371.6
1971	739.5	411.1	333.9	1,784.2	1,012.5	785.4

Source: Ministry of Education, *Education Statistics Ontario*.

Notes:
1. Expenditure is net of own sources of sundry revenue such as tuition fees, sales of property, insurance proceeds, rental revenue, etc., and does not include expenditure related to provincial direct capital grants.
2. Provincial Grant refers to General Legislative Grant but excludes direct capital grants.
3. Property Taxes refers to breakeven requisitions which represent the amount required to balance the school boards budget and exclude over-levies and under-levies. They do not necessarily equal actual amount levied for school purposes by municipalities.
4. Figures for federal schools and schools for the blind and deaf are excluded.

Table 31.5 Current Revenue and Expenditure of School Boards, Ontario, 1981

	Elementary				
	Public	Separate	Total	Secondary	Total
			$ millions		
Revenue					
Property Taxes	1,102.7	186.3	1,288.9	1,063.7	2,352.6
Provincial Grants	835.5	798.5	1,634.0	910.4	2,544.4
Other	68.3	41.6	109.8	106.4	216.2
Total	2,006.4	1,026.3	3,032.7	2,080.5	5,113.2
Expenditure					
Business Administration	36.4	24.0	60.5	40.3	100.8
Computer Services	5.1	1.6	6.8	10.1	16.8
Instruction, Day Schools – Salaries & Fringe Benefits	1,218.2	585.9	1,804.0	1,247.6	3,051.7
Instruction, Day School – Supplies & Other Expenses	145.2	88.8	233.9	182.7	416.6
Educational Services	37.3	16.8	54.2	32.9	87.1
Attendance, Health & Food Services	5.0	.8	5.8	11.5	17.3
Plant Operation & Plant Maintenance	256.7	115.2	371.9	249.0	620.9
Transportation	89.9	58.6	148.5	75.2	223.7
Capital Expenditure From Revenue (Non-allocable)	59.4	49.2	108.6	47.2	155.7
Debt Charges	86.0	54.2	140.2	72.7	212.9
Other Operating Expenditure	13.1	7.1	20.2	13.2	33.4
Total Day School	1,952.3	1,002.2	2,954.5	1,982.4	4,936.9
Expenditure For Adult Education	1.1	4.0	5.0	27.1	32.1
Other	53.0	20.2	73.2	71.0	144.2
Total	2,006.4	1,026.3	3,032.7	2,080.5	5,113.2

Source: Ministry of Education, *Education Statistics Ontario.*

Notes: 1. For definition of Property Taxes, see Table 31.4, note 3.

2. Other Revenue includes federal and provincial payments in lieu of property taxes, tuition fees, rental revenue, sale of property, etc.
3. Expenditure includes spending on direct capital projects.
4. Debt Charges includes interest on short term borrowings for capital purposes and principal repayment.
5. Other Expenditure includes transfers to other boards, non-operating expenditure, tax write-offs and revisions, and provisions for reserves and other funds.

Table 31.6 Enrolment in Elementary and Secondary Schools, Ontario, Selected Years, 1961/62 to 1982/83

	Publicly Supported							
	School Boards					Private		
	Elementary							
Year	Public	Separate	Secondary	Federal	Blind & Deaf	Elementary	Secondary	Total
				number				
1982/83	787,466	429,946	562,013	7,624	956	35,320	46,133	1,869,458
1981/82	799,174	425,706	568,635	7,407	1,051	33,242	45,975	1,881,190
1980/81	816,836	423,438	586,261	7,189	1,161	31,177	43,115	1,909,177
1979/80	837,941	420,820	600,084	7,279	1,198	28,973	38,926	1,935,221
1978/79	870,154	420,183	611,668	7,468	1,217	27,539	36,609	1,974,838
1977/78	907,777	421,619	613,830	7,429	1,236	26,445	34,805	2,013,141
1976/77	937,292	422,793	613,055	7,162	1,309	25,652	33,027	2,040,290
1971/72	1,034,703	422,137	574,520	6,641	1,485	20,788	23,161	2,083,435
1966/67	976,900	387,971	436,026	..	1,056	..	..	..
1961/62	861,715	301,338	299,177	..	..	..	..	..

Sources: Statistics Canada, Education, Culture and Tourism Division.
Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division.
Ministry of Education, *Education Statistics Ontario.*

Table 31.7 **Enrolment in Publicly Supported Elementary and Secondary Schools by Grade Group, Ontario, Selected Years, 1961/62 to 1982/83**

Year	Elementary					
	Kinder-garten	Grades 1 – 3	Grades 4 – 6	Grades 7 – 10	Special Education	Total
			number			
1982/83	164,932	360,494	363,118	289,916	38,952	1,217,412
1981/82	162,948	365,462	374,301	284,084	38,075	1,224,880
1980/81	166,770	369,402	381,841	285,063	37,198	1,240,274
1979/80	165,579	380,164	382,252	294,750	36,016	1,258,761
1978/79	164,921	394,285	382,525	312,823	35,783	1,290,337
1977/78	166,398	403,194	392,228	332,417	35,159	1,329,396
1976/77	170,747	401,687	413,238	339,773	34,640	1,360,085
1971/72	149,148	474,626	473,823	328,438	30,805	1,456,840
1966/67	134,004	488,509	431,736	288,445	22,177	1,364,871
1961/62	99,033	434,492	368,340	248,134	13,054	1,163,053

Table 31.7 (cont'd.)

Year	Secondary							
	Pre-grade 9	Grade 9	Grade 10	Grade 11	Grade 12	Grade 13	Total	Total
				number				
1982/83	2,266	124,609	124,122	126,211	124,059	60,746	562,013	1,779,425
1981/82	2,325	128,015	128,492	131,548	122,158	56,097	568,635	1,793,515
1980/81	2,925	135,499	138,480	135,983	119,726	53,648	586,261	1,826,535
1979/80	3,265	147,360	146,380	134,853	115,933	52,293	600,084	1,858,845
1978/79	4,466	155,385	147,651	134,936	116,070	53,160	611,668	1,902,005
1977/78	4,583	158,602	148,279	134,460	113,742	54,164	613,830	1,943,226
1976/77	–	162,319	148,633	135,241	111,349	55,513	613,055	1,973,140
1971/72	–	157,433	141,939	121,750	101,733	51,665	574,520	2,031,360
1966/67	–	117,582	100,710	83,963	70,625	35,007	436,026	1,800,897
1961/62	–	100,988	76,290	52,681	42,266	21,482	299,177	1,462,230

Source: Ministry of Education, *Education Statistics Ontario*.

Notes: 1. Pre-grade 9 students are those enrolled in special secondary school programs less than two years after leaving the junior division and who are taking course work that does not lead to credit.

2. Enrolment excludes schools for the blind and deaf and other provincial schools in care and treatment facilities, retarded students in school boards and federal schools.

3. Elementary Grades 7 – 10 includes elementary grades 9 and 10 in Roman Catholic and Public School Boards.

Table 31.8 Enrolment in Federal Elementary and Secondary Schools, Ontario, Selected Years, 1960/61 to 1983/84

	Grade					
Year	Kindergarten	1 – 5	6 – 8	9 – 12	Special	Total
	number					
1983/84	1,202	4,087	2,039	152	82	7,562
1982/83	1,191	4,091	2,055	191	96	7,624
1981/82	1,187	4,054	1,953	113	100	7,407
1980/81	1,125	4,036	1,808	149	71	7,189
1979/80	1,087	4,103	1,868	162	59	7,279
1978/79	1,137	4,253	1,915	107	56	7,468
1977/78	1,152	4,141	1,908	96	132	7,429
1976/77	1,192	3,839	1,864	89	178	7,162
1971/72	878	4,124	1,556	27	56	6,641
1965/66	684	4,618	1,217	67	126	6,712
1960/61	565	4,589	1,381	90	433	7,058

Sources: Statistics Canada, Education, Culture and Tourism Division.
Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division.

Table 31.9 Enrolment in Schools for the Blind and Deaf, Ontario, Selected Years, 1966/67 to 1982/83

	For the Blind			For the Deaf			
Year	Male	Female	Total	Male	Female	Total	Total
				number			
1982/83	131	101	232	397	327	724	956
1981/82	132	96	228	472	351	823	1,051
1980/81	138	94	232	535	394	929	1,161
1979/80	133	96	229	565	404	969	1,198
1978/79	130	90	220	571	426	997	1,217
1977/78	119	96	215	586	435	1,021	1,236
1976/77	120	94	214	619	476	1,095	1,309
1975/76	114	93	207	651	491	1,142	1,349
1974/75	115	100	215	655	507	1,162	1,377
1973/74	118	103	221	604	458	1,062	1,283
1972/73	113	93	206	671	539	1,210	1,416
1971/72	132	105	237	704	544	1,248	1,485
1970/71	140	93	233	668	526	1,194	1,427
1966/67	147	109	256	453	347	800	1,056

Source: Statistics Canada, Education, Culture and Tourism Division.

Note: 1981/82 and 1982/83 enrolment in schools for the deaf excludes Metro Toronto schools for the deaf because they are integrated into the public school system.

Table 31.10 Enrolment in Private Elementary and Secondary Schools by Grade Group, Ontario, Selected Years, 1971/72 to 1982/83

	Elementary					
Year	Kinder-garten	Grades 1 – 3	Grades 4 – 6	Grades 7 & 8	Ungraded	Total
				number		
1982/83	6,356	10,486	9,755	7,322	1,401	35,320
1981/82	5,622	9,817	9,553	7,081	1,169	33,242
1980/81	5,234	9,118	9,329	6,572	924	31,177
1979/80	4,427	8,614	8,685	6,400	847	28,973
1978/79	4,096	8,260	8,179	6,342	662	27,539
1977/78	3,855	8,103	7,712	6,405	370	26,445
1976/77	3,835	7,619	7,739	6,363	96	25,652
1971/72	2,685	6,518	6,663	4,775	147	20,788

Table 31.10 (cont'd.)

	Secondary							
Year	Grade 9	Grade 10	Grade 11	Grade 12	Grade 13	Ungraded	Total	Total
					number			
1982/83	3,186	2,898	14,683	14,241	10,821	304	46,133	81,453
1981/82	3,197	2,896	14,756	14,087	10,572	467	45,975	79,217
1980/81	3,076	2,849	14,210	12,824	9,760	396	43,515	74,292
1979/80	3,025	2,876	13,043	11,784	7,919	279	38,926	67,899
1978/79	3,057	2,696	12,259	11,114	7,301	182	36,609	64,148
1977/78	2,931	2,688	11,777	10,648	6,569	192	34,805	61,250
1976/77	2,800	2,580	11,591	9,593	6,379	84	33,027	58,679
1971/72	2,026	1,826	7,015	6,853	4,972	469	23,161	43,949

Source: Ministry of Education, *Education Statistics Ontario.*

Table 31.11 Elementary and Secondary School Enrolment by Age and Sex, Ontario, 1982/83

	Elementary		
	Male	Female	Total
		number	
3 Years & Under	5,629	5,617	11,246
4	33,461	31,845	65,306
5	57,958	55,401	113,359
6	59,158	56,965	116,123
7	61,292	58,633	119,925
8	60,590	57,502	118,092
9	62,388	58,936	121,324
10	63,833	59,906	123,739
11	66,972	63,851	130,823
12	67,433	64,130	131,563
13	56,374	52,216	108,590
14	21,412	17,690	39,102
15	7,702	8,058	15,760
16	1,139	887	2,026
17 & Over	204	230	434
Total	625,545	591,867	1,217,412

Table 31.11 (cont'd.)

	Secondary		
	Male	Female	Total
		number	
11 Years & Under	18	14	32
12	213	222	435
13	10,054	11,668	21,722
14	45,183	46,023	91,206
15	58,637	54,861	113,498
16	62,407	57,831	120,238
17	60,518	54,432	114,950
18	38,304	28,419	66,723
19	10,492	5,199	15,691
20	2,835	1,580	4,415
21	1,043	784	1,827
22 & Over	2,936	8,340	11,276
Total	292,640	269,373	562,013

Source: Ministry of Education, *Education Statistics Ontario*.

Note: See Table 31.7, note 2.

Table 31.12 Enrolment in French-Language Instructional Units in Elementary Schools by Grade, Ontario, Selected Years, 1966/67 to 1982/83

Year	Kinder-garten	Primary	Junior	Grades 7 & 8	Grades 9 & 10	Special Education	Total
				number			
1982/83	12,261	20,711	19,505	12,560	1,144	1,505	67,686
1981/82	12,295	20,634	19,816	12,411	1,040	1,392	67,588
1980/81	12,245	20,639	20,114	12,511	958	1,392	67,859
1979/80	12,056	20,995	19,833	13,251	1,000	1,411	68,546
1978/79	11,691	21,318	19,997	15,071	816	1,480	70,373
1977/78	11,341	21,386	20,647	16,840	676	1,563	72,453
1976/77	11,433	20,973	22,418	17,282	579	1,904	74,589
1971/72	8,441	28,773	29,537	18,602	294	1,749	87,496
1966/67	9,189	32,268	28,558	16,265	5,747	1,199	93.226

Source: Ministry of Education, *Education Statistics Ontario*.

Table 31.13 Enrolment of French-Speaking Students in Courses Taught in French in Secondary Schools, by Grade, Ontario, Selected Years, 1971/72 to 1982/83

Year	Pre-grade 9	Grade 9	Grade 10	Grade 11	Grade 12	Grade 13	Total
				number			
1982/83	41	5,590	5,766	5,969	6,662	1,992	26,020
1981/82	43	5,734	6,024	6,674	6,306	1,905	26,686
1980/81	63	6,091	7,084	6,866	6,103	1,844	28,051
1979/80	203	7,338	7,332	6,825	6,110	1,747	29.555
1978/79	213	7,869	7,767	6,943	5,921	1,807	30,520
1977/78	225	7,984	7,824	6,853	5,892	1,858	30,636
1976/77	–	8,590	8,105	7,110	5,740	1,965	31,510
1971/72	–	8,770	7,326	5,608	4,449	1,665	28,018

Source: Ministry of Education, *Education Statistics Ontario*.

Note: Pre-grade 9 students are those enrolled in special secondary school programs less than two years after leaving the junior division and who are taking course-work that does not lead to credit.

Table 31.14 Enrolment in French as a Second Language, Ontario, Selected Years, 1970/71 to 1982/83

Year	Elementary		Secondary		Total	
	Enrolment	Participation Rate	Enrolment	Participation Rate	Enrolment	Participation Rate
	#		#		#	
1982/83	714,148	63.5	182,077	31.9	896,225	52.9
1981/82	694,761	61.3	191,916	33.4	886,677	51.9
1980/81	674,936	58.7	201,511	34.1	876,447	50.3
1979/80	671,100	57.6	215,771	35.8	886,871	50.2
1978/79	670,240	56.0	226,595	37.0	896,835	49.6
1977/78	662,900	53.7	220,369	36.0	883,269	47.8
1976/77	633,643	50.4	218,541	35.8	852,184	45.6
1970/71	514,173	37.9	269,079	48.9	783,252	41.1

Source: Statistics Canada, Education, Culture and Tourism Division.

Notes: 1. French immersion enrolment is included from 1976/77 on.

2. Participation Rate is the percentage of total enrolment, not including enrolment of French-speaking students in French instructional units, which is actually receiving instruction in French as a second language.

Table 31.15 Student Certificates and Diplomas at Secondary School Level, Ontario, Selected Years, 1971 to 1982

Year	Certificate of Training	Graduation Diploma		Honours Graduation Diploma	
		Secondary	Private	Secondary	Private
			number		
1982	5,355	98,996	12,059	36,752	8,212
1981	5,395	102,924	11,015	36,591	8,785
1980	5,708	97,779	10,085	36,112	7,234
1979	5,330	98,248	9,721	35,864	6,386
1978	5,598	93,137	9,704	36,370	5,806
1977	5,175	92,151	8,641	37,495	5,633
1976	4,889	90,891	7,478	36,868	5,355
1971	7,635	80,701	6,495	35,351	4,425

Source: Ministry of Education, *Education Statistics Ontario*.

Notes: 1. Graduation Diploma is granted to students who complete grade 12 credit requirements while Honours Graduation Diploma is normally awarded to grade 13 graduates.

2. Data include all day school, night school and correspondence courses.

Table 31.16 Full-Time Teachers in Elementary and Secondary Schools by Age Group and Sex, Ontario, 1977/78 to 1982/83

Year	Under 25	25 – 29	30 – 34	35 – 39	40 – 44	45 – 49	50 & Over	Age Not Reported	Total
					number				
1982/83									
Male	169	2,232	7,631	11,166	8,995	5,557	6,585	106	42,441
Female	1,096	6,275	12,377	10,440	7,344	4,642	6,641	112	48,927
Total	1,265	8,507	20,008	21,606	16,339	10,199	13,226	218	91,368
1981/82									
Male	230	2,861	9,129	10,896	8,412	5,237	6,257	90	43,112
Female	1,357	7,406	12,975	9,353	6,527	4,472	6,359	120	48,569
Total	1,587	10.267	22,104	20,249	14,939	9,709	12,616	210	91,681
1980/81									
Male	221	3,639	10,487	10,463	7,744	4,848	5,863	102	43,367
Female	1,357	9,027	13,220	8,339	5,994	4,208	6,194	136	48,475
Total	1,578	12,666	23,707	18,802	13,738	9,056	12,057	238	91,842
1979/80									
Male	277	4,772	11,105	10,354	7,185	4,541	5,472	92	43,748
Female	1,551	11,299	12,695	7,894	5,540	4,093	6,057	100	49,229
Total	1,828	16,021	23,800	18,248	12,725	8,634	11,529	192	92,977
1978/79									
Male	393	6,160	11,526	10,038	6,490	4,268	5,132	84	44,091
Female	2,052	13,662	11,809	7,447	5,125	3,991	6,066	117	50,269
Total	2,445	19,822	23,335	17,485	11,615	8,259	11,198	201	94,360
1977/78									
Male	594	7,430	11,756	9,680	6,092	4,308	5,225	261	45,346
Female	2,912	15,677	10,647	7,044	4,734	3,913	6,190	332	51,449
Total	3,506	23,107	22,403	16,724	10,826	8,221	11,415	593	96,795

Source: Statistics Canada, Education, Culture and Tourism Division.

Note: Teachers in private and federal schools and schools for the blind and deaf are excluded.

Table 31.17 Median Salaries of Elementary and Secondary School Teachers, Ontario, 1978/79 to 1982/83

Year	Elementary	Secondary
	dollars	
1982/83	30,892	36,702
1981/82	26,749	34,598
1980/81	23,490	29,867
1979/80	20,195	26,889
1978/79	18,528	24,779

Source: Ministry of Education, Management Information Systems Branch.

Note: Teachers in separate schools are included, but those in private schools, federal schools and schools for the blind and deaf are excluded.

Table 31.18 **Full-Time Post-Secondary Enrolment at Colleges of Applied Arts and Technology by Sex and Division, Ontario, 1971/72 to 1982/83**

Year	Technology	Business	Applied Arts	Health	Total
			number		
1982/83					
Male	21,227	12,700	7,635	1,050	42,612
Female	2,750	20,220	13,706	9,536	46,212
Total	23,977	32,920	21,341	10,586	88,824
1981/82					
Male	18,378	11,437	6,528	1,051	37,394
Female	2,378	18,104	12,950	8,416	41,848
Total	20,756	29,541	19,478	9,467	79,242
1980/81					
Male	17,402	11,053	6,360	1,057	35,872
Female	2,240	16,715	12,823	8,095	39,873
Total	19,142	27,768	19,183	9,152	75,745
1979/80					
Male	15,878	10,109	5,998	989	32,974
Female	2,035	14,670	12,237	7,789	36,731
Total	17,913	24,779	18,235	8,778	69,705
1978/79					
Male	14,886	8,731	5,906	968	30,491
Female	1,790	12,478	11,479	7,456	33,203
Total	16,676	21,209	17,385	8,424	63,694
1977/78					
Male	14,021	8,324	6,018	874	29,237
Female	1,571	10,959	11,121	7,719	31,370
Total	15,592	19,283	17,139	8,593	60,607
1976/77					
Male	13,195	7,828	6,057	823	27,903
Female	1,387	9,609	10,424	8,944	30,364
Total	14,582	17,437	16,481	9,767	58,267
1975/76					
Male	13,349	7,908	6,244	771	28,272
Female	1,323	8,720	10,111	9,864	30,018
Total	14,672	16,628	16,355	10,635	58,290
1974/75					
Male	12,205	7,456	6,213	642	26,516
Female	1,166	7,753	9,380	9,674	27,973
Total	13,371	15,209	15,593	10,316	54,489
1973/74					
Male	12,184	7,584	6,158	591	26,517
Female	906	7,058	8,349	9,146	25,459
Total	13,090	14,642	14,507	9,737	51,976
1972/73					
Male	11,729	7,413	5,760	393	25,295
Female	777	6,006	6,795	1,120	14,698
Total	12,506	13,419	12,555	1,513	39,993
1971/72					
Male	11,032	7,618	5,068	263	23,981
Female	650	4,507	5,337	651	11,145
Total	11,682	12,125	10,405	914	35,126

Source: Ministry of Colleges and Universities, *Ontario College Information System, Student System Report.*

Notes: 1. Enrolment in Health excludes nursing prior to 1973.

2. These figures exclude Ryerson Polytechnical Institute.

3. Students with no information on division of study are not included.

Table 31.19 Full-Time Post-Secondary Enrolment by Division at Colleges of Applied Arts and Technology, Ontario, 1982/83

	Applied Arts	Business	Technology	Health	Total
			number		
Algonquin	1,876	2,629	2,752	830	8,087
Cambrian	705	1,001	833	339	2,878
Canadore	364	955	376	238	1,933
Centennial	1,023	2,468	1,562	352	5,405
Conestoga	565	983	747	684	2,979
Confederation	685	733	520	185	2,123
Durham	296	1,092	514	363	2,265
Fanshawe	1,833	1,419	1,493	848	5,593
George Brown	1,025	1,209	1,305	1,022	4,561
Georgian	799	1,042	594	524	2,959
Humber	2,684	3,215	1,590	770	8,259
Lambton	266	471	440	166	1,343
Loyalist	645	665	618	180	2,108
Mohawk	688	1,814	2,141	980	5,623
Niagara	1,083	1,153	777	438	3,451
Northern	169	508	687	159	1,523
St. Clair	795	1,596	1,016	734	4,141
St. Lawrence	1,086	1,546	812	629	4,073
Sault	175	485	917	155	1,732
Seneca	1,533	4,719	1,706	527	8,485
Sheridan	2,585	2,226	834	271	5,916
Sir Sanford Fleming	461	991	1,743	192	3,387
Total	21,341	32,920	23,977	10,586	88,824

Source: Ministry of Colleges and Universities, *Ontario College Information System*.

Table 31.20 Diplomas and Certificates Awarded by Community Colleges and Related Institutions by Sex, Ontario Compared to Canada, Selected Years, 1967/68 to 1981/82

	Male Graduates		Female Graduates		Total	
Year	Ontario	% of Canada	Ontario	% of Canada	Ontario	% of Canada
	#		#		#	
1981/82	9,582	33.4	13,095	35.9	22,677	34.8
1980/81	8,828	30.5	12,684	34.4	21,512	32.7
1979/80	8,068	27.2	11,788	31.2	19,856	29.4
1978/79	7,426	24.8	10,834	28.6	18,260	26.9
1977/78	7,085	24.4	10,475	29.2	17,560	27.1
1976/77	6,856	25.7	10,728	31.5	17,584	29.0
1975/76	6,726	26.8	10,165	32.2	16,891	29.8
1971/72	6,427	29.4	10,169	39.3	16,596	34.8
1967/68	3,757	38.6	8,266	46.7	12,023	43.9

Source: Statistics Canada, Education, Culture and Tourism Division.

Note: For definition of Related Institutions, see Table 31.1, note 3.

Table 31.21 College Certificate and Vocational Training Completions at Colleges of Applied Arts and Technology, Ontario, 1979/80 to 1982/83

Year	College Certificate Course				Training in Business & Industry		Management Development Program
	Sponsored		Fee-Payers				
	Full-time	Part-time	Full-time	Part-time	General	Advanced	
				number			
1982/83	24,236	526	7,039	14,940	33,594	16,606	13,343
1981/82	22,905	877	7,933	15,470	...	...	13,189
1980/81	24,967	1,977	7,406	14,423	...	...	15,372
1979/80	21,927	1,312	5,676	11,552	...	...	13,989

Source: Ministry of Colleges and Universities, Skills Development Division.

Notes: 1. College Certificate Course was previously referred to as Adult Training.

2. Enrolment and completions in business and industrial courses are identical. General refers to training in general program, while Advanced refers to advanced technology and computer software specialties developed under the B.I.L.D. initiative.

3. College certificate courses normally are less than one year in duration. Sponsored refers to students who are supported by Canadian Employment and Immigration Commission (CEIC). CEIC may pay the tuition fees and provide the income support during the training program. Fee-Payers refers to students who pay their own fees.

Table 31.22 Enrolment in Apprenticeship and Tradesmen Training Programs, Ontario, 1971/72 to 1982/83

Year	Apprenticeship Program				
	New Registrations	Completions	Cancellations	Year-end Active Apprentices	Full-time Enrolment
			number		
1982/83	8,096	7,256	3,396	39,878	16,228
1981/82	14,000	4,206	3,704	42,434	15,849
1980/81	11,011	3,823	1,994	36,344	15,961
1979/80	10,709	5,422	4,285	31,150	16,248
1978/79	9,909	5,818	3,558	30,148	15,811
1977/78	9,818	4,976	2,563	29,615	16,023
1976/77	9,722	4,775	3,826	27,336	15,351
1975/76	9,235	4,485	3,032	26,215	13,288
1974/75	9,556	3,850	3,043	24,497	12,178
1973/74	8,429	4,238	3,668	21,832	10,994
1972/73	7,719	3,685	3,050	21,283	10,552
1971/72	8,787	4,293	2,341	20,299	10,766

Table 31.22 (cont'd.)

Year	Certification Program Initial Certificates	Renewals Issued	Year-end Certificate Holders
	number		
1982/83	13,797	84,956	251,721
1981/82	19,680	27,493	231,507
1980/81	20,716	58,583	206,853
1979/80	16,259	69,986	209,560
1978/79	10,044	70,657	197,794
1977/78	9,400	66,478	193,263
1976/77	9,089	67,310	188,212
1975/76	9,961	64,973	183,227
1974/75	12,776	65,025	177,489
1973/74	15,557	59,864	168,582
1972/73	18,990	66,733	157,371
1971/72	12,114	81,966	146,142

Source: Ministry of Colleges and Universities, Manpower Training Branch.

Note: Full-time Enrolment includes five intakes each year as follows: April, September, October, January and February.

Table 31.23 **Graduates of Colleges of Applied Arts and Technology, by Sex and Division, Ontario, 1975/76 to 1981/82**

Year	Applied Arts	Business	Technology	Health	Total
			number		
1981/82					
Male	1,723	2,480	4,695	467	9,365
Female	4,223	6,019	598	3,559	14,399
Total	5,946	8,499	5,293	4,026	23,764
1980/81					
Male	1,599	2,309	4,261	496	8,665
Female	4,107	5,492	592	3,724	13,915
Total	5,706	7,801	4,853	4,220	22,580
1979/80					
Male	1,466	2,079	3,971	393	7,909
Female	3,865	4,993	462	3,656	12,976
Total	5,331	7,072	4,433	4,049	20,885
1978/79					
Male	1,432	1,737	3,633	399	7,201
Female	3 569	4,302	463	3,539	11,873
Total	5,001	6,039	4,096	3,938	19,074
1977/78					
Male	1,426	1,680	3,361	379	6,846
Female	3,417	3,746	376	3,819	11,358
Total	4,843	5,426	3,737	4,198	18,204
1976/77					
Male	1,477	1,670	3,204	353	6,704
Female	3,281	3,457	314	4,622	11,674
Total	4,758	5,127	3,518	4,975	18,378
1975/76					
Male	1,480	1,585	3,028	275	6,368
Female	3,139	3,009	238	4,265	10,651
Total	4,619	4,594	3,266	4,540	17,019

Source: Ministry of Colleges and Universities, *Ontario College Information System, Student System Graduate Placement Reports by Sex.*

Table 31.24 Full-Time Teachers at Colleges of Applied Arts and Technology, by Sex and Age Group, Ontario, 1980/81 to 1982/83

Year	Under 25	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 & Over	Total
					number			
1982/83								
Male	11	169	612	878	892	711	1,265	4,538
Female	18	184	407	546	417	302	491	2,365
Total	29	353	1,019	1,424	1,309	1,013	1,756	6,903
1981/82								
Male	5	136	565	847	869	690	1,306	4,418
Female	12	164	404	539	411	308	517	2,355
Total	17	300	969	1,386	1,280	998	1,823	6,773
1980/81								
Male	3	104	529	854	861	679	1,347	4,377
Female	4	146	410	552	414	306	551	2,383
Total	7	250	939	1,406	1,275	985	1,898	6,760

Source: Ministry of Colleges and Universities, *Ontario College Information System*, *Staff Systems Report*.

Table 31.25 Average Academic Salaries by Rank at Colleges of Applied Arts and Technology, Ontario, 1976/77 to 1982/83

Year	Masters	Instructors	Average
		dollars	
1982/83	34,851	26,811	34,751
1981/82	32,017	25,629	31,921
1980/81	27,902	22,243	27,813
1979/80	25,246	19,294	25,127
1978/79	24,291	17,846	24,050
1977/78	22,038	16,307	21,814
1976/77	21,135	15,413	20,961

Source: Ministry of Colleges and Universities, *Ontario College Information System*, *Staff System Report*.

Table 31.26 Student Assistance Program, Ontario, 1978/79 to 1981/82

Year	Students			Value of Assistance		
	Grant/ Loan	Loan Only	Total	Grant	Canada Student Loan	OSAP Loan
		number			$ '000's	
Universities						
1981/82	31,562	11,798	43,360	40,495.5	55,694.6	18,352.1
1980/81	32,359	10,749	43,108	43,005.5	46,505.4	15,710.5
1979/80	33,287	12,817	46,104	43,212.9	42,617.9	13,054.2
1978/79	31,168	14,350	45,518	42,512.6	46,094.6	12,223.4
Colleges of Applied Arts & Technology						
1981/82	25,323	1,931	27,254	30,454.0	29,191.5	4,601.3
1980/81	24,669	1,632	26,301	31,483.9	22,110.7	3,414.2
1979/80	24,057	1,967	26,024	30,569.0	16,956.4	2,923.5
1978/79	18,725	2,162	20,887	24,783.8	16,007.0	3,137.9
Other Institutions						
1981/82	5,672	4,894	10,566	6,522.5	17,021.3	4,695.9
1980/81	5,292	4,290	9,582	6,534.1	14,775.1	2,823.7
1979/80	5,029	4,779	9,808	5,984.7	13,613.8	2,003.4
1978/79	3,987	4,564	8,551	4,796.1	12,316.4	732.9
Total						
1981/82	62,557	18,623	81,180	77,472.0	101,907.4	27,649.3
1980/81	62,320	16,671	78,991	81,023.5	83,391.2	21,948.4
1979/80	62,373	19,563	81,936	79,766.5	73,206.0	17,981.1
1978/79	53,880	21,076	74,956	72,092.5	74,418.0	16,094.1

Source: Ministry of Colleges and Universities, Student Awards Branch, *Statistics Summary.*

Notes: 1. OSAP refers to Ontario Student Assistance Program.

2. Universities includes Ryerson Polytechnical Institute.

3. Other Institutions includes eligible private schools, medical institutes, Ontario College of Art, Bar Admission, Royal Military College, agricultural colleges, out-of-province Canadian institutions and universities and foreign universities and institutions.

Table 31.27 University Enrolment by Institution and Level of Study, Ontario, 1982/83

	Undergraduate			Graduate		
	Full-time Degree	Part-time Degree	Total	Full-time Degree	Part-time Degree	Total
			number			
Brock	3,360	3,510	6,870	77	418	495
Carleton	8,499	4,534	13,033	987	853	1,840
Guelph	9,541	1,426	10,967	816	152	968
Lakehead	3,188	1,525	4,713	128	146	274
Laurentian	3,304	4,146	7,450	99	110	209
McMaster	9,948	2,869	12,817	1,179	858	2,037
OCA	1,320	1,754	3,074	–	–	–
Ottawa	11,044	6,675	17,719	1,475	1,587	3,062
Queen's	9,990	3,192	13,182	1,352	481	1,833
Ryerson	8,872	10,885	19,757	–	–	–
Toronto	29,628	11,935	41,563	5,102	3,793	8,895
Trent	2,407	1,223	3,630	38	6	44
Waterloo	14,974	6,313	21,287	1,326	471	1,797
Western	17,690	6,453	24,143	1,794	756	2,550
Wilfrid Laurier	4,023	2,627	6,650	285	290	575
Windsor	7,636	3,813	11,449	664	428	1,092
York	13,591	13,685	27,276	1,429	1,494	2,923
Dominican	64	105	169	10	19	29
Total	159,079	86,670	245,749	16,761	11,862	28,623

Source: Ministry of Education, University Student Information System.

Table 31.28 University Enrolment by Sex, Ontario, Selected Years, 1961/62 to 1981/82

Year	Full-time		Part-time		All		
	Under-graduate	Graduate	Under-graduate	Graduate	Under-graduate	Graduate	Total
				number			
1981/82							
Male	79,833	12,206	31,597	7,283	111,430	19,489	130,919
Female	68,738	7,097	47,616	4,687	116,354	11,784	128,138
Total	148,571	19,303	79,213	11,970	227,784	31,273	259,057
1980/81							
Male	77,084[r]	11,711[r]	30,201	7,633[r]	107,285[r]	19,344[r]	126,629[r]
Female	64,817[r]	6,604[r]	45,440	4,545[r]	110,257[r]	11,149[r]	121,406[r]
Total	141,901[r]	18,315[r]	75,641	12,178[r]	217,542[r]	30,493[r]	248,035[r]
1979/80							
Male	74,986[r]	11,204	29,235	7,781	104,221[r]	18,985	123,206[r]
Female	61,695[r]	6,073	43,142	4,342	104,837[r]	10,415	115,252[r]
Total	136,681[r]	17,277	72,377	12,123	209,058[r]	29,400	238,458[r]
1978/79							
Male	74,658[r]	11,830	27,907	7,906	102,565[r]	19,736	122,301[r]
Female	61,408[r]	5,784	40,051	4,272	101,459[r]	10,056	111,515[r]
Total	136,066[r]	17,614	67,958	12,178	204,024[r]	29,792	233,816[r]
1977/78							
Male	78,294	12,166	27,770	8,266	106,064	20,432	126,496
Female	63,172	5,590	38,859	4,110	102,031	9,700	111,731
Total	141,466	17,756	66,629	12,376	208,095	30,132	238,227
1976/77							
Male	81,520	12,671	24,833	8,700	106,353	21,371	127,724
Female	64,331	5,463	35,933	3,768	100,264	9,231	109,495
Total	145,851	18,134	60,766	12,468	206,617	30,602	237,219
1971/72							
Male	74,039	12,735	24,236	6,477	98,275	19,212	117,487
Female	44,000	3,645	25,011	1,728	69,011	5,373	74,384
Total	118,039	16,380	49,247	8,205	167,286	24,585	191,871
1966/67							
Male	41,478	6,445	14,771	2,711	56,249	9,156	65,405
Female	19,725	1,282	9,713	665	29,438	1,947	31,385
Total	61,203	7,727	24,484	3,376	85,687	11,103	96,790
1961/62							
Male	24,312	2,501	..	..	..	..	..
Female	8,761	402	..	..	..	..	..
Total	33,073	2,903	..	..	..	..	..

Source: Statistics Canada, Education, Culture and Tourism Division.

Table 31.29 Undergraduate Enrolment by Field of Study, Ontario, 1978/79 to 1982/83

Year	Agricultural & Biological Science		Education		Engineering & Applied Sciences		Fine & Applied Arts	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
					number			
1982/83^{p}	7,982	646	9,675	8,633	18,611	1,300	5,300	1,298
1981/82	7,557	532	9,792	7,937	18,535	1,121	5,307	1,238
1980/81	7,680	546	9,579	7,292	17,923	1,270	5,226	1,270
1979/80	7,932	562	9,183	4,921	17,454	1,143	5,134	1,434
1978/79	8,441	556	10,162	2,472	16,943	1,091	5,356	981

Table 31.29 (cont'd.)

Year	Health Sciences		Humanities		Mathematics & Physical Sciences	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
				number		
1982/83^{p}	7,556	736	10,957	4,418	12,169	2,083
1981/82	7,513	606	10,507	4,647	10,216	1,727
1980/81	7,380	571	10,357	4,826	8,794	1,454
1979/80	7,389	524	10,831	4,765	7,883	1,311
1978/79	7,441	584	10,640	4,902	7,648	1,094

Table 31.29 (cont'd.)

Year	Social Sciences		Unclassified		Total	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
				number		
1982/83^{p}	43,757	15,290	39,816	50,962	155,823	85,366
1981/82	41,698	14,790	37,446	46,615	148,571	79,213
1980/81	38,568	14,018	36,394	44,394	141,901	75,641
1979/80	36,412	12,983	34,463	44,374	136,681	72,377
1978/79	35,183	12,407	34,252	43,871	136,066	67,958

Source: Statistics Canada, Education, Culture and Tourism Division.

Table 31.30 Graduate Enrolment by Field of Study, Ontario, 1978/79 to 1982/83

Year	Agricultural & Biological Science		Education		Engineering & Applied Sciences		Fine & Applied Arts	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
	number							
1982/83p	1,269	207	1,189	3,125	1,871	1,120	284	125
1981/82	1,174	217	1,156	3,285	1,578	1,073	313	103
1980/81	1,158	219	1,160	3,437	1,539	1,121	302	86
1979/80	1,095	191	1,090	3,474	1,300	1,089	257	96
1978/79	1,029	196	1,033	3,468	1,421	1,037	246	84

Table 31.30 (cont'd.)

Year	Health Sciences		Humanities		Mathematics & Physical Sciences	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
	number					
1982/83p	4,203	439	2,748	1,567	1,944	484
1981/82	4,112	377	2,896	1,503	1,821	468
1980/81	3,897	373	2,794	1,606	1,473	463
1979/80	3,159	402	2,859	1,743	1,558	481
1978/79	2,959	342	3,298	1,943	1,521	483

Table 31.30 (cont'd.)

Year	Social Sciences		Unclassified		Total	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
	number					
1982/83p	6,321	4,448	123	438	19,952	11,953
1981/82	6,132	4,499	121	445	19,303	11,970
1980/81	5,875	4,416	117	457	18,315	12,178
1979/80	5,823	4,178	136	469	17,277	12,123
1978/79	5,982	4,081	125	544	17,614	12,178

Source: Statistics Canada, Education, Culture and Tourism Division.

Table 31.31 Graduate Scholarships, Ontario, Selected Years, 1971/72 to 1981/82

Year	Students	Value of Scholarships
	#	$ '000's
1981/82	1,019	5,291.5
1980/81	1,179	6,494.8
1979/80	1,165	4,841.6
1978/79	1,180	3,385.7
1977/78	916	3,660.0
1976/77	987	3,267.5
1971/72	1,542	3,286.5

Source: Ministry of Colleges and Universities, Student Awards Branch.

Note: Graduate Scholarships refers to those awarded to graduate students.

Table 31.32 University Degrees Awarded by Sex, Ontario, Selected Years, 1972 to 1983

Year	Bachelor's & First Professional Degrees	Master's Degree	Doctoral Degrees
		number	
1983			
Male	18,200	3,860	670
Female	19,600	2,620	230
Total	37,800	6,480	900
1982^{p}			
Male	17,500	3,820	650
Female	18,800	2,560	220
Total	36,300	6,380	870
1981^{r}			
Male	17,510	3,793	682
Female	18,649	2,530	210
Total	36,159	6,323	892
1980			
Male	17,819	3,763	638
Female	18,414	2,279	198
Total	36,233	6,042	836
1979			
Male	18,522	3,923	748
Female	19,219	2,182	184
Total	37,741	6,105	932
1978			
Male	19,577^{r}	4,196^{r}	749^{r}
Female	20,137^{r}	2,052^{r}	159^{r}
Total	39,714	6,248	908
1977			
Male	20,128	4,408	691
Female	20,150	2,007	184
Total	40,278	6,415	875
1976			
Male	20,150	4,297	716
Female	18,761	1,790	163
Total	38,911	6,087	879
1972			
Male	17,519	4,187	772
Female	10,532	1,301	79
Total	28,051	5,488	851

Source: Statistics Canada, Education, Culture and Tourism Division.

Notes:
1. Doctoral Degrees refers to earned doctorates.
2. Data for 1983 are estimated.
3. Academic year ending in 1972, calendar years from 1976 on.

Table 31.33 Full-Time University Teachers by Age Group and Sex, Ontario, Selected Years, 1971/72 to 1982/83

Year	Under 25	25 – 29	30 – 34	35 – 39	40 – 44	45 – 49	50 & Over	Total
					number			
1982/83								
Male	14	229	942	1,875	2,434	2,075	3,530	11,099
Female	10	109	282	426	422	264	489	2,002
Total	24	338	1,224	2,301	2,856	2,339	4,019	13,101
1981/82								
Male	17	237	1,051	2,041	2,399	1,973	3,317	11,035
Female	14	132	275	429	374	253	461	1,938
Total	31	369	1,326	2,470	2,773	2,226	3,778	12,973
1980/81[r]								
Male	14	255	1,177	2,214	2,379	1,899	3,058	10,996
Female	15	131	279	424	355	237	428	1,869
Total	29	386	1,456	2,636	2,734	2,136	3,486	12,865
1979/80[r]								
Male	16	287	1,330	2,378	2,337	1,832	2,843	11,023
Female	21	117	281	443	296	239	407	1,804
Total	37	404	1,611	2,821	2,633	2,071	3,250	12,827
1978/79								
Male	21	346	1,487	2,458	2,270	1,744	2,664	10,990
Female	13	151	324	417	282	236	392	1,815
Total	34	497	1,811	2,875	2,552	1,980	3,056	12,805
1977/78								
Male	29	415	1,735	2,496	2,136	1,674	2,456	10,941
Female	15	157	377	400	256	251	359	1,815
Total	44	572	2,112	2,896	2,392	1,925	2,815	12,756
1976/77								
Male	31	481	1,902	2,509	2,064	1,605	2,307	10,899
Female	22	164	384	360	250	234	344	1,758
Total	53	645	2,286	2,869	2,314	1,839	2,651	12,657
1971/72								
Male	40	1,063	2,246	1,932	1,520	1.052	1,422	9,275
Female	41	226	260	186	175	139	241	1,268
Total	81	1,289	2,506	2,118	1,695	1,191	1,663	10,543

Source: Statistics Canada, Education, Culture and Tourism Division.

Table 31.34 Average Academic Salaries by Rank at Universities, Ontario, 1971/72 to 1982/83

Year	Full Professor	Associate Professor	Assistant Professor	Lecturer	Average
			dollars		
1982/83	55,649	42,603	33,749	29,404	44,719
1981/82	49,506	37,639	29,975	25,679	39,422
1980/81^{r}	44.967	33,796	26,940	23,183	35,407
1979/80^{r}	41,506	30,955	24,901	21,186	32,335
1978/79^{r}	39,216	29,006	23,228	19,692	30,089
1977/78^{r}	37,486	27,586	21,902	18,127	28,486
1976/77^{r}	35,102	25,565	20,444	16,726	26,393
1971/72	24,350	17,816	14,189	11,441	17,208

Sources: Statistics Canada, Reports from Education, Culture and Tourism Division.
Ministry of Education,University Relations Branch.
Canadian University Faculty Salary Analysis System.

Notes: 1. Average salaries include those for medical and dental staff but exclude those for Ryerson Polytechnical Institute.
2. 1976/77 figures exclude those for Algoma University College which is a non-sectarian liberal arts college in affiliation with Laurentian University.
3. 1980/81 figures exclude those in Wycliffe and Knox Colleges of the University of Toronto.

Table 31.35 Teacher Graduates by Grade Group, Ontario, 1980 to 1982

Year	Primary/ Junior K – 6	Junior/ Inter- mediate (elemen- tary) 4 – 8	Primary/ Junior/ Inter- mediate K – 10	Junior/ Inter- mediate 4 – 10	Inter- mediate/ Senior 7 – 13	Techno- logical Studies	Total	Special Education	TFSL
					number				
1982	1,271	...	...	790	1,217	148	3,426	882	329
1981	1,204	6	22	705	1,393	155	3,485	751	412
1980	1,166	19	131	612	1,240	130	3,183	694	349

Source: Ministry of Education, *Education Statistics Ontario.*

Notes: 1. TFSL refers to Teaching French as a Second Language.
2. The distributions by grade and division include Special Education and TFSL.
3. In 1982, the categories Junior/Intermediate (elementary) 4 – 8 and Primary/Junior/Intermediate K – 10 no longer apply.

Chapter 32
Justice and Protection

Justice and Protection

This chapter covers a number of government activities: policing, the court system, correctional services and fire protection. Of these functions, the police function involves all three levels of government – federal, Provincial and municipal. The court system and correctional services involve the federal and Provincial levels of government only. Fire protection is a function of municipal government in Ontario. Statistics in this chapter reflect primarily the activities of the Provincial and local levels of government in Ontario.

Total Provincial and local government expenditures on justice and protection amounted to $2 billion in 1983. The Provincial figures include the spending of all ministries within the Justice Policy Field. This includes the Ministry of Consumer and Commercial Relations, whose mandate primarily is the protection of consumers and the regulation of corporations. Some of the Provincial expenditures reported are transfers to local governments for purposes specifically connected with police and fire protection. Therefore, the figures for total Provincial and local government expenditures contain a small but unquantifiable amount of double counting. As well, there is a small amount of double counting for local government expenditures, since a small portion of capital expenditure for fire and police protection is transferred from the revenue fund.

The Ontario Provincial Police are responsible for policing areas which are not covered by municipal forces, criminal investigation, providing highway traffic patrols and enforcing the Province's liquor laws. Total expenditures of the Ontario Provincial Police are included in the figures for the Solicitor General. Metropolitan Toronto, regional municipalities and other urban centres have their own police forces which are regulated by the Ontario Police Commission.

Traffic and related offences are treated separately from other offences. Non-traffic offences are divided into four major categories, according to the statute in question: Criminal Code, other federal statutes, Provincial statutes and municipal by-laws. The responsibility for criminal prosecutions is shared by the two senior levels of government. Provincial Attorneys General are responsible for prosecutions under the Criminal Code, provincial statutes and municipal by-laws, while the federal Justice Minister is responsible for prosecutions under other federal statutes (e.g. the Food and Drug Act, the Narcotic Control Act). Most serious crimes fall under the Criminal Code. Prosecutions may be carried out by the police or by government lawyers.

Offence rates, or the level of criminal activity, are shown per 100,000 population. From a police point of view, offences are either cleared – i.e. resolved – or not cleared. An offence is cleared most often when charges are laid against at least one person. About 15% of cases are cleared for other reasons, e.g. when a person is committed to a mental institution and not likely to be released, or when a person has diplomatic immunity. The percent of the offences which are cleared is a crude measure of the effectiveness of policing.

Under Canadian and Provincial legislation, adults and juveniles are treated differently under the justice system. Accordingly, details on charges laid by the police are kept separately for adults and juveniles. Under the Juvenile Delinquents Act, juvenile courts are given exclusive jurisdiction to deal with children accused of committing a delinquency. The courts' jurisdiction is limited by the age of the accused. During 1983, the age limit in Ontario was under 16 years of age. Other provinces have different age limits, e.g. British Columbia and Newfoundland's limit was under 17 years of age, while Manitoba and Quebec's was under 18 years of age. As well, the method of dealing with juveniles varies from province to province and from one locality to another. These differences limit the usefulness of interprovincial comparisons of juvenile delinquency. When the Young Offenders Act comes into effect, all 16 and 17 year old offenders in Canada will come under the same reporting system.

The administration of courts and the justice system is divided between the federal and provincial levels of government. The federal government established and bears the costs of the Supreme Court of Canada, the Federal Court of Canada and the Court Martial Appeal Court of Canada. The provincial governments, under The Constitution Act, establish courts of appeal, supreme courts, county courts, district courts and provincial courts. Some of these court judges are appointed and paid by the federal government; these courts are called superior courts. All other provincially constituted courts are called Provincial courts, and their judges are appointed by the provincial government. The Province is responsible for the operation of all provincially established courts.

Included under the Provincial expenditure data for the Attorney General are the costs for administering courts in Ontario. It is not possible to separately identify federal expenditure on courts in Ontario. However, it is estimated that the Provincial expenditure on courts amounts to almost 90% of the total government expenditure on courts in Ontario ($129 million in 1981), with the remaining 10% being federal expenditures.

The function of correctional services is shared by the federal and provincial governments. The federal government has the responsibility for persons sentenced to two years or more, the Provincial Government for persons sentenced to less than two years. Ontario's correctional services are provided by the Ministry of Correctional Services for adults (16 years and over) and by the Ministry of Community and Social Services for juveniles (under 16 years).

Ontario operates three types of correctional institutions: jails and detention centres, correctional centres and treatment facilities. Jails and detention centres are all maximum security institutions. In general, they house inmates awaiting trial or sentencing, those serving short sentences and those awaiting transfer to federal institutions or Provincial correctional centres. The latter are institutions designed to hold inmates with longer sentences. Typically, an inmate with an aggregate sentence of 90 days or longer is classified and assigned to a correctional centre. Ontario has two treatment facilities which provide psychiatric assessment for male offenders referred from any Provincial institutions. With respect to correctional services for juveniles, the Ministry of Community and Social Services operates seven training schools, with a capacity of 407 persons, and 23 group homes, which provided places for up to 139 persons in 1981.

Fire protection is basically a local government activity. However, the Province is responsible for co-ordinating, directing and advising on virtually every aspect of fire prevention, fire fighting and fire investigation. Provincial expenditures on fire protection are included under expenditures of the Ministry of the Solicitor General. All fire incidents are reported to the Solicitor General by municipal fire departments.

Sources of Data

Data on police force personnel, adult offences, juvenile delinquency and traffic enforcement were obtained from Statistics Canada's publication *Crime and Traffic Enforcement Statistics, (85-205)*, and from *Justice Statistics, Ontario*, published by the Ontario Provincial Secretariat for Justice. Offence statistics reported by Statistics Canada are taken from the Uniform Crime Reporting system (UCR). Under the system, where several offences occur in one incident, only the most serious offence is counted. Hence the statistics for offences in fact should more accurately be termed incidents in which offences took place. The Uniform Crime Reporting system is used by all police forces in Canada. Additional information on all juveniles processed by police and court dispositions of juvenile delinquency is available from The Canadian Centre for Justice Statistics publication, *Juvenile Delinquents*.

Statistics on traffic accidents were supplied by the Ministry of Transportation and Communications. Persons charged with traffic offences are differentiated by sex, but there is no information on whether the offenders are juvenile or adult. There is some double counting in numbers of offences and persons charged since the same person is counted on each occasion that he/she has been charged with having committed an offence. The motor vehicle accidents and deaths reported by Statistics Canada will not necessarily agree with those reported by the Ministry of Transportation and Communications. The latter generally report vehicle accidents which occur on public roads only. In addition, traffic deaths reported by Statistics Canada and the Ministry of Transportation and Communications may not agree with those reported in the publication *Mortality, Vital Statistics, (84-206)*, since the latter bases its figures on medical certificates of cause of death.

Data on admittance to jails and detention centres come from the Ministry of Correctional Services' *Annual Report*. The data include both persons who serve their sentences in Provincial facilities and persons whose sentences are over two years, awaiting transfer to federal penitentiaries. The number of people admitted to jails and detention centres is considerably larger than the number of people sentenced to jail terms because people who are sent to jails or detention centres are not necessarily sentenced with jail terms, e.g. suspects; acquittals. Further information is available from *Justice Statistics, Ontario*, published by the Provincial Secretariat for Justice. Data on fire protection and fire incidents come from the Ministry of the Solicitor General. Further information is available from the *Annual Report* of the Ministry of the Solicitor General, and *Canadian Forest Fire Statistics*, published by Environment Canada.

More information on the justice system in Ontario can be obtained from the Provincial Secretariat for Justice, telephone Toronto, 965-2046.

Justice and Protection

Charts:

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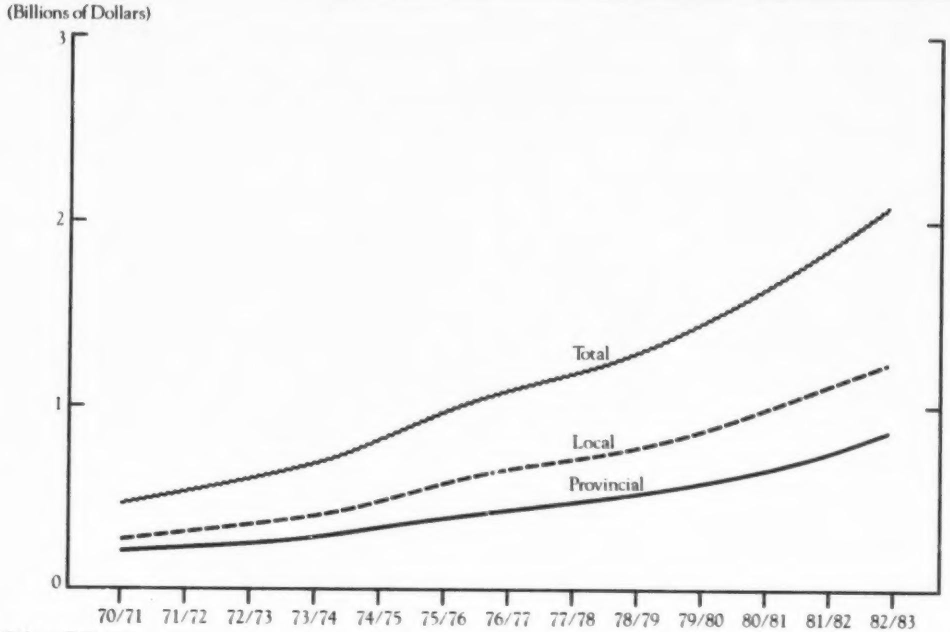
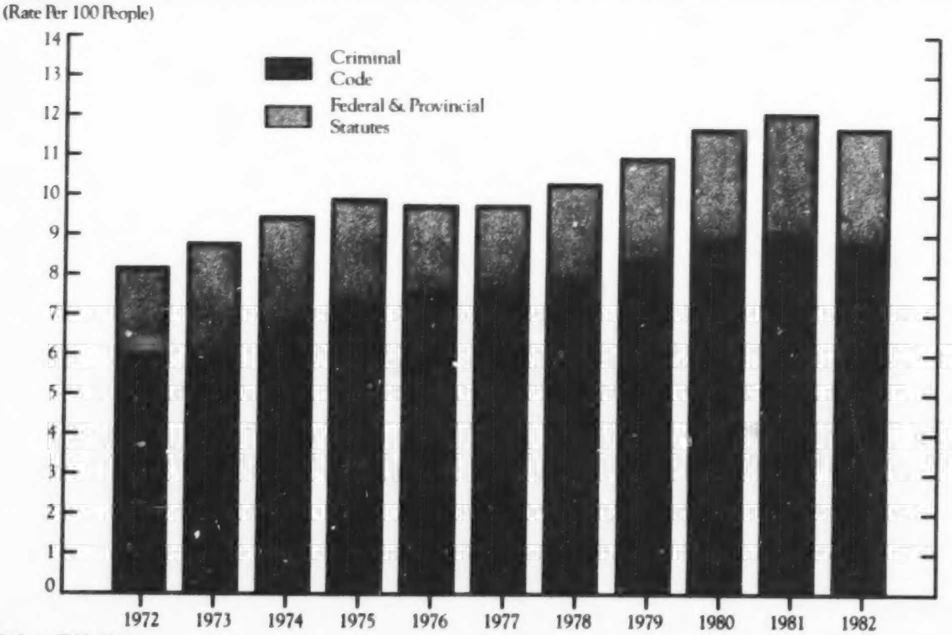
Chart 32.1 Expenditure on Justice and Protection in Ontario, 1970/71 to 1982/83



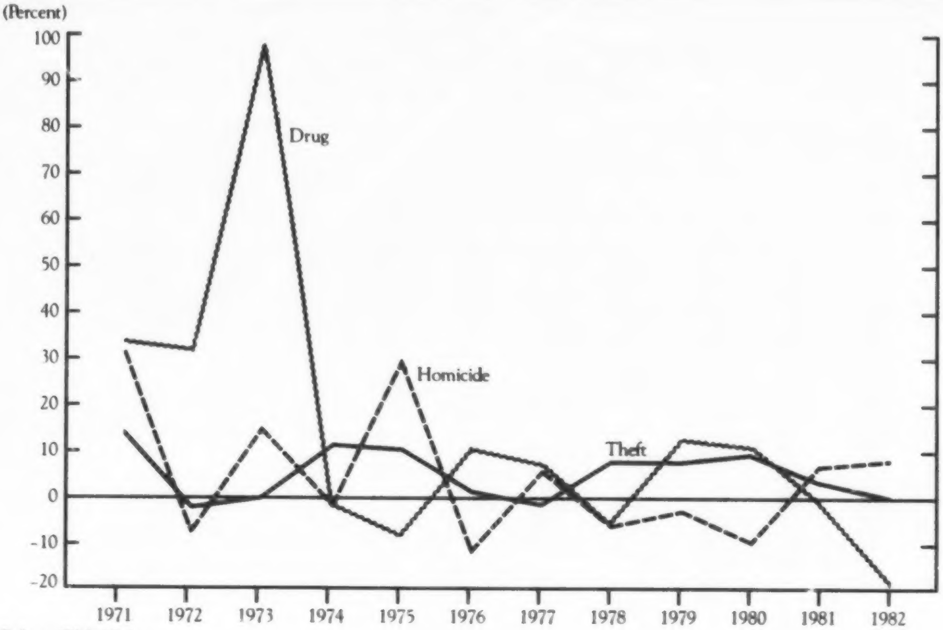
Refer to Table 32.1

Chart 32.2 Offences, Ontario, 1972 to 1982



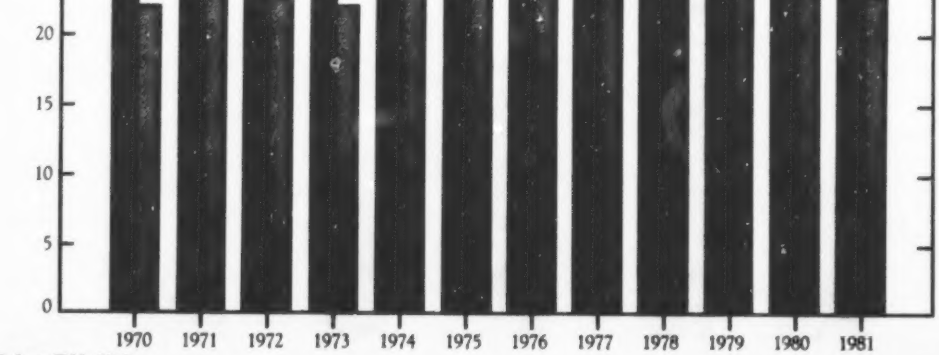
Refer to Table 32.3

Chart 32.3 Growth in Selected Offences, Ontario, 1971 to 1982



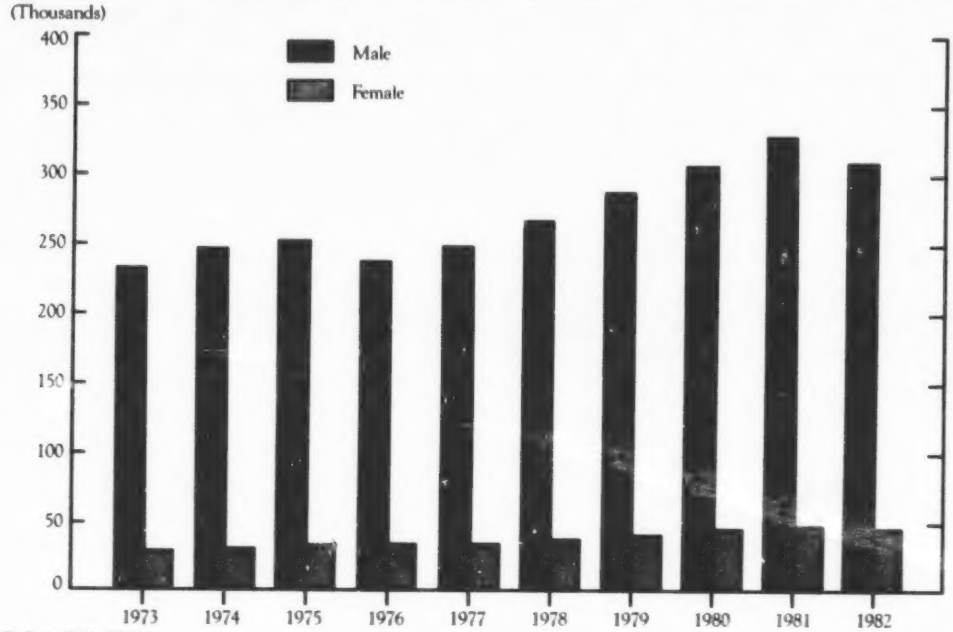
Refer to Table 32.6

Chart 32.4 Motor Vehicles Stolen and Recovered, Ontario, 1970 to 1981



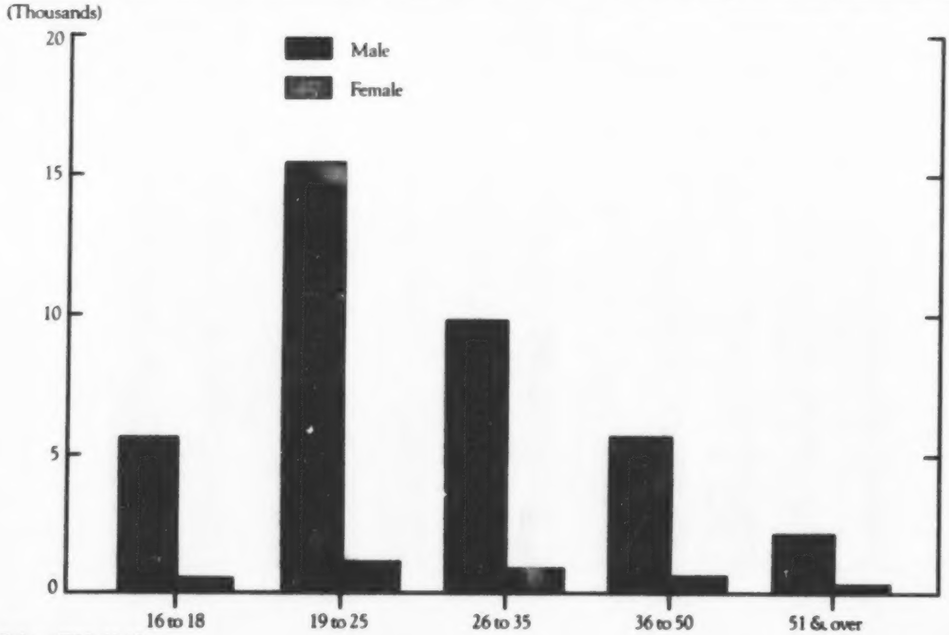
Refer to Table 32.8

Chart 32.5 Adults Charged, Ontario, 1973 to 1982



Refer to Table 32.10

Chart 32.6 Adults Sentenced to Imprisonment by Sex and Age, Ontario, 1982/83



Refer to Table 32.12

Table 32.1 **Expenditure on Justice and Protection, Ontario, 1970/71 to 1983/84**

Year	Provincial				
	Solicitor General	Attorney General	Correctional Services	Consumer & Commercial Relations	Total
			$ millions		
1983/84^p	294	240	219	120	873
1982/83^p	290	238	207	125	860
1981/82	248	208	174	101	731
1980/81	211	184	156	91	642
1979/80	187	158	137	88	570
1978/79	167	141	130	83	521
1977/78	153	129	118	63	463
1976/77	144	116	107	61	428
1975/76	128	101	121	43	393
1974/75	106	85	101	35	327
1973/74	90	68	86	29	273
1972/73	83	60	73	25	241
1971/72	71	56	67	22	216
1970/71	66	50	57	20	193

Table 32.1 (cont'd.)

Year	Local						Total
	Revenue Fund				Capital Fund	Total	
	Police	Fire	Other	Total			
				$ millions			
1983/84	..	..	..	..	..	..	..
1982/83	385	665	107	1,157	61	1,218	2,078
1981/82	339	580	135	1,054	51	1,105	1,836
1980/81	293	502	122	917	45	962	1,604
1979/80	260	445	108	813	39	852	1,422
1978/79	236	408	68	712	46	758	1,279
1977/78	218	373	62	653	39	692	1,155
1976/77	195	328	80	603	39	642	1,070
1975/76	177	284	83	544	31	575	968
1974/75	145	228	61	434	32	466	793
1973/74	124	189	53	366	23	389	662
1972/73	112	164	48	324	23	347	588
1971/72	99	144	42	285	18	303	519
1970/71	88	123	37	248	12	260	453

Sources: Ontario Budget.
Ministry of Municipal Affairs and Housing, *Local Government Finance*.

Notes:
1. Data are for year ending March 31.
2. Expenditure of Provincial Secretariat for Justice is included in Ministry of Attorney General. The Secretariat was established in 1978 and its expenditure is about $1 million annually.
3. Local Revenue Fund includes contributions to Capital Fund which cannot be identified separately; therefore, there is some double counting in the total.
3. Other under Local Revenue Fund includes conservation authorities, protective inspection and control.

Table 32.2 Police Personnel, Ontario, 1978 to 1982

Year	Police							
	Male	Female	Total	Rate Per 1,000 Population	Cadets	Other	Total	Rate Per 1,000 Population
		number				number		
1982	19,821	518	20,339	2.3	254	6,598	27,191	3.1
1981	19,534	461	19,995	2.3	272	6,249	26,516	3.1
1980	19,444	435	19,879	2.3	261	5,832	25,972	3.0
1979	19,411	378	19,789	2.3	274	5,054	25,117	3.0
1978	19,324	351	19,675	2.3	374	5,148	25,197	3.0

Source: Statistics Canada, *Crime and Traffic Enforcement Statistics, (85-205).*

Notes: 1. Police include four types of forces: federal, provincial, municipal and certain specialized departments, e.g. CNR, CPR, and National Harbours Board.

2. Other includes clerks, technicians, artisians, commissionaires, guards and special constables, etc.

3. Rate based on Statistics Canada revised population estimates.

Table 32.3 Actual Offences and Clearances, Ontario, 1972 to 1982

Year	Actual Offences	Rate Per 100,000 Population	Offences Cleared			
			By Charge	Other-wise	Total	% of Offences
	#			number		
Criminal Code						
1982	764,461	8,771.0	180,775	107,669	288,444	37.7
1981	772,068	8,951.4	184,469	108,596	293,065	38.0
1980	755,713	8,818.4	179,398	106,214	285,612	37.8
1979	698,436	8,215.6	166,670	100,930	267,600	38.3
1978	660,660	7,828.1	164,388	96,777	261,165	39.5
1977	614,668	7,358.6	149,111	92,338	241,449	39.3
1976	613,002	7,417.3	147,412	97,004	244,416	39.9
1975	589,624	7,215.0	137,855	89,633	227,488	38.6
1974	539,849	6,702.8	124,852	84,849	209,701	38.9
1973	479,888	6,067.8	118,877	77,525	196,402	40.9
1972	459,536	5,884.0	106,848	70,495	177,343	38.6
Federal Statutes						
1982	35,261	404.6	24,915	6,434	31,349	88.9
1981	40,890	474.1	30,972	7,025	37,997	92.9
1980	41,787	487.6	31,048	7,464	38,512	92.2
1979	45,013	529.5	33,581	8,103	41,684	92.6
1978	43,637	517.1	33,896	5,585	39,481	90.5
1977	42,292	506.3	33,756	5,146	38,902	92.0
1976	39,057	472.6	30,612	4,639	35,251	90.3
1975	37,261	455.9	29,684	4,563	34,247	91.9
1974	37,857	470.0	31,300	4,371	35,671	94.3
1973	38,846	491.2	32,431	2,844	35,275	90.8
1972	28,921	370.3	23,858	2,977	26,835	92.8
Provincial Statutes						
1982	188,927	2,167.6	166,899	18,594	185,493	98.2
1981	201,062	2,331.1	180,864	17,002	197,866	98.4
1980	178,244	2,079.9	158,947	16,406	175,353	98.4
1979	166,853	1,962.7	147,831	16,072	163,903	98.2
1978	147,080	1,742.7	125,246	18,234	143,480	97.6
1977	135,785	1,625.6	113,297	18,887	132,184	97.3
1976	128,794	1,558.4	104,496	18,895	123,391	95.8
1975	157,896	1,932.1	133,981	19,348	153,329	97.1
1974	159,730	1,983.2	136,189	16,992	153,181	95.9
1973	148,661	1,879.7	128,575	16,540	145,115	97.6
1972	128,282	1,642.6	115,118	9,478	124,596	97.1

Table 32.3 (cont'd.)

Year	Actual Offences	Rate Per 100,000 Population	Offences Cleared: By Charge	Offences Cleared: Other-wise	Offences Cleared: Total	Offences Cleared: % of Offences
	#			number		
Municipal By-Laws						
1982	24,448	280.5	9,179	12,555	21,734	88.9
1981	21,838	253.2	8,597	10,350	18,947	86.8
1980	20,409	238.2	7,956	9,821	17,777	87.1
1979	18,498	217.6	8,193	7,242	15,435	83.4
1978	15,130	179.3	7,328	5,148	12,476	82.5
1977	17,539	210.0	6,382	5,865	12,247	69.8
1976	22,608	273.6	6,987	8,908	15,895	70.3
1975	20,973	256.6	6,373	7,937	14,310	68.2
1974	20,699	257.0	5,809	6,011	11,820	57.1
1973	22,647	286.4	6,281	11,108	17,389	76.8
1972	17,270	221.1	5,873	6,733	12,606	73.0
Total						
1982	.,013,097	11,623.7	381,768	145,252	527,020	52.0
1981	1,035,858	12,009.8	404,902	142,973	547,875	52.9
1980	996,153	11,624.1	377,349	139,905	517,254	51.9
1979	928,800	10,925.4	356,275	132,347	488,622	52.6
1978	866,507	10,267.2	330,858	125,744	456,602	52.7
1977	810,284	9,700.4	302,546	122,236	424,782	52.4
1976	803,461	9,721.8	289,507	129,446	418,953	52.1
1975	805,694	9,859.0	307,293	121,481	428,774	53.2
1974	758,135	9,413.0	300,150	112,223	412,373	54.4
1973	690,042	8,725.0	286,164	108,017	394,181	57.1
1972	634,009	8,118.0	251,697	89,683	341,380	53.8

Source: Statistics Canada, *Crime and Traffic Enforcement Statistics*, (85-205).

Notes: 1. Actual Offences are those reported or known to police which investigation proved to be founded. The same individual is counted on each occasion when he/she is dealt with by the police. Traffic and related offences are excluded from this table. Federal Statutes includes drug offences.

2. See Table 32.2, note 3.

3. An offence is cleared by charge when an information has been laid against at least one person. Some examples of offences cleared otherwise are: when the offender has been committed to a mental hospital and is not likely to be released; when a person confesses to the offence and subsequently dies; diplomatic immunity; when the offender is known and sufficient evidence has been obtained but the complainant refuses to prosecute.

Table 32.4 Actual Offences by Uniform Crime Reporting Classification, Ontario, 1981 and 1982

Year	Actual Offences	Rate Per 100,000 Population	% of Canada
1982			
Criminal Code			
Homicide	184	2.1	27.5
Attempted Murder	201	2.3	21.3
Rape	614	7.0	24.3
Other Sex Offences	4,039	46.3	35.6
Assaults (not indecent)	46,362	531.9	36.8
Robbery	5,646	64.8	20.7
Break & Enter	108,940	1,249.9	29.5
Theft: Motor Vehicle	24,866	285.3	28.6
Theft: Over $200	98,527	1,130.4	33.4
Theft: $200 & Under	213,038	2,444.3	37.3
Have Stolen Goods	13,653	156.6	52.9
Frauds	42,127	483.3	35.6
Prostitution	411	4.7	58.7
Gaming & Betting	1,892	21.7	78.2
Offensive Weapons	7,657	87.9	43.4
Arson	2,221	25.5	25.0
Other	194,083	2,226.8	36.0
Total	764,461	8,771.0	34.7
Federal Statutes			
Drugs	23,706	272.0	36.5
Other	11,555	132.6	24.0
Total	35,261	404.6	31.2
Provincial Statutes	188,927	2,167.6	43.5
Municipal By-Laws	24,448	280.5	27.8
Total	1,013,097	11,623.7	35.7
1981			
Criminal Code			
Homicide	170	2.0	26.3
Attempted Murder	193	2.2	21.4
Rape	600	7.0	23.4
Other Sex Offences	3,995	46.3	37.1
Assaults (not indecent)	45,700	529.8	37.7
Robbery	5,271	61.1	20.0
Break & Enter	105,051	1,218.0	28.6
Theft: Motor Vehicle	27,349	317.1	28.4
Theft: Over $200	91,277	1,058.3	34.2
Theft: $200 & Under	218,652	2,535.1	38.9
Have Stolen Goods	14,156	164.1	55.2
Frauds	40,927	474.5	36.4
Prostitution	1,335	15.5	86.0
Gaming & Betting	2,080	24.1	82.3
Offensive Weapons	7,926	91.9	44.7
Arson	2,734	31.7	28.4
Other	204,652	2,372.7	37.5
Total	772,068	8,951.4	35.6
Federal Statutes			
Drugs	29,171	338.2	39.4
Other	11,719	135.9	25.8
Total	40,890	474.1	34.2
Provincial Statutes	201,062	2,331.1	41.7
Municipal By-Laws	21,838	253.2	27.2
Total	1,035,858	12,009.8	36.3

Source: Statistics Canada, *Crime and Traffic Enforcement Statistics, (85-205).*

Notes: 1. Homicide includes first and second degree murder, manslaughter and infanticide. Traffic and related offences are not included.
2. See Table 32.2, note 3.

Table 32.5 Actual Offences by Major Categories, Ontario, 1972 to 1982

Year	Criminal Code							
	Violent Crime	Property Crime	Other Crimes	Total	Rate Per 100,000 Population	Federal Statutes	Provincial Statutes	Municipal By-Laws
		number					number	
1982	52,046	501,151	206,264	764,461	8,771.0	35,261	188,927	24,448
1981	55,929	497,412	218,727	772,068	8,951.4	40,890	201,062	21,838
1980	55,436	483,391	216,886	755,713	8,818.4	41,787	178,244	20,409
1979	53,447	438,738	206,251	698,436	8,215.6	45,013	166,853	18,498
1978	52,448	414,824	193,388	660,660	7,828.1	43,637	147,080	15,130
1977	50,366	383,377	180,925	614,668	7,358.6	42,292	135,785	17,539
1976	51,136	387,225	174,641	613,002	7,417.3	39,057	128,794	22,608
1975	49,006	378,270	162,348	589,624	7,215.0	37,261	157,896	20,973
1974	47,069	340,208	152,572	539,849	6,702.8	37,857	159,730	20,699
1973	45,016	301,748	133,124	479,888	6,067.8	15,599	148,661	22,647
1972	43,530	305,708	110,298	459,536	5,884.0	17,191	128,282	17,270

Source: Statistics Canada, *Crime and Traffic Enforcement Statistics, (85-205).*
Provincial Secretariat for Justice, *Justice Statistics, Ontario.*

Note: See Table 32.2, note 3.

Table 32.6 Actual Offences by Type, Ontario, Selected Years, 1962 to 1982

Year	Homicide	Attempted Murder	Rape	Other Sexual	Robbery	Breaking & Entering	Theft	Fraud	Drug
					number				
1982	184	201	614	4,039	5,646	108,940	336,431	42,127	23,706
1981	170	193	600	3,995	5,271	105,051	337,278	40,927	29,171
1980	159	198	555	3,876	5,321	105,238	326,084	38,433	29,551
1979	175	199	597	3,791	4,626	93,859	298,084	34,999	26,638
1978	181	201	538	3,615	4,690	92,188	276,260	35,017	23,658
1977	192	182	555	3,316	4,447	84,716	255,851	32,895	25,069
1976	182	147	474	3,100	4,323	83,976	259,857	34,037	23,362
1975	206	184	514	3,139	4,350	79,250	257,341	32,770	21,045
1974	159	121	481	3,204	3,840	70,573	232,517	28,508	22,858
1973	162	138	468	3,642	3,036	58,583	208,314	27,478	23,247
1972	141	111	414	3,403	3,042	61,369	209,380	27,549	11,730
1971	152	92	371	3,632	2,774	63,983	214,675	26,361	8,882
1970	115	58	267	3,596	2,644	60,271	188,253	27,684	6,672
1966	70	32	177	2,673	1,316	35,520	115,625	14,103	208
1962	76	21	146	2,232	1,070	26,987	87,725	11,347	264

Source: Statistics Canada, *Crime and Traffic Enforcement Statistics, (85-205).*

Notes: Homicide figures prior to 1974 do not include infanticide. Drug occurrences include narcotics control, cannabis, controlled drugs, restricted drugs and food and drug.

Table 32.7 Traffic Enforcement by Offence, Ontario, 1981

	Actual Offences	Rate Per 100,000 Population	% of Canada
	#		
Traffic Enforcement			
Criminal Negligence	705	8.2	41.4
Fail to Stop or Remain	48,963	566.5	27.5
Dangerous Driving	35,206	408.2	44.6
Fail or Refuse to Provide Breath Sample	2,997	34.7	17.2
Driving While Impaired	45,213	524.2	28.6
Driving While Disqualified	13,788	159.9	53.1
Other Traffic Offences			
Federal Statutes	11,367	131.8	52.4
Provincial Statutes	1,468,473	17,025.6	43.4
Municipal By-Laws	56,532	655.4	7.6
Parking Violations	4,080,283	47,307.1	51.8
Traffic Accidents			
Fatal	1,258	14.6	26.5
Non-Fatal Injury	68,652	796.0	41.0
Property Damage - $200 or More	159,188	1,845.6	23.3
Total	229,098	2,656.2	26.8
Persons Killed			
Drivers & Passengers	1,179	13.7	33.0
Pedestrians	241	2.8	32.3
Bicyclists & Others	49	0.6	29.7
Total	1,469	17.0	32.8
Persons Injured	99,625	1,155.1	45.0

Source: Statistics Canada, *Crime and Traffic Enforcement Statistics, (85-205)*.

Note: See Table 32.2, note 3.

Table 32.8 Motor Vehicles Stolen and Recovered, Ontario, 1970 to 1981

Year	Stolen	Rate Per 100,000 Vehicles Registered	Recovered	Recovered
	#		#	%
1981	27,306	587.5	22,927	84.0
1980	28,557	614.4	24,343	85.2
1979	28,702	610.0	25,164	87.7
1978	28,246	628.7	24,846	88.0
1977	26,928	618.7	24,121	89.6
1976	27,248	664.2	23,895	87.7
1975	28,016	686.8	24,363	87.0
1974	26,340	676.8	23,106	87.7
1973	24,473	683.0	22,028	90.0
1972	24,988	738.7	22,476	89.9
1971	25,461	850.4	23,678	93.0
1970	23,450	769.4	21,932	93.5

Source: Statistics Canada, *Crime and Traffic Enforcement Statistics, (82-205)*.

Note: Rates for current years are determined by using motor vehicle registrations of the previous year.

Table 32.9 Motor Vehicle Accidents, Ontario, Selected Years, 1951 to 1982

Year	Accidents				Persons Killed	Persons Injured
	Fatal	Personal Injury	Property Damage Only	Total		
				number		
1982	997	62,956	123,990	187,943	1,138	92,815
1981	1,234	67,292	129,846	198,372	1,445	100,321
1980	1,296	67,391	127,814	196,501	1,508	101,367
1979	1,316	67,201	128,679	197,196	1,560	101,321
1978	1,263	62,664	122,436	186,363	1,450	94,979
1977	1,213	63,787	153,567	218,567	1,420	95,664
1976	1,265	58,028	152,572	211,865	1,511	83,736
1975	1,520	65,811	146,358	213,689	1,800	97,034
1974	1,470	66,352	136,449	204,271	1,748	98,673
1973	1,625	65,335	126,061	193,021	1,959	97,790
1972	1,620	63,541	124,333	189,494	1,934	95,181
1971	1,498	56,117	101,216	158,831	1,769	84,650
1966	1,347	44,246	94,188	139,781	1,596	65,210
1961	1,098	25,643	58,836	85,577	1,268	37,146
1956	1,008	19,358	51,033	71,399	1,180	28,626
1951	824	15,653	38,443	54,920	949	22,557

Source: Ministry of Transportation and Communications, Public Safety Information Branch.

Notes: 1. On January 1, 1978, the reporting criterion for Property Damage Only Accidents was raised from $200 to $400.
2. In 1976, speed limits on Ontario roads were reduced and mandatory seatbelt legislation was enacted.

Table 32.10 Juveniles and Adults Charged by Offence Group, Ontario, 1973 to 1982

Year	Criminal Code	Federal Statutes	Provincial Statutes	Municipal By-Laws	Total
			number		
Juveniles					
1982	15,854	620	1,374	49	17,897
1981	17,665	984	1,681	66	20,396
1980	18,283	1,136	1,743	38	21,200
1979	17,061	1,059	1,832	52	20,004
1978	17,518	1,187	2,081	59	20,845
1977	16,718	1,153	2,063	52	19,986
1976	18,318	999	1,868	72	21,257
1975	18,590	978	2,205	70	21,843
1974	18,190	1,072	2,578	68	21,908
1973	15,775	738	2,272	74	18,859
Adults					
1982					
Male	126,733	19,576	153,781	7,562	307,652
Female	25,337	2,989	14,126	1,374	43,826
Total	152,070	22,565	167,907	8,936	351,478
1981					
Male	129,170	25,530	165,406	6,890	326,996
Female	26,295	3,393	14,674	1,578	45,940
Total	155,465	28,923	180,080	8,468	372,936
1980					
Male	129,119	25,757	144,091	5,752	304,719
Female	25,025	3,377	14,130	1,449	43,981
Total	154,144	29,134	158,221	7,201	348,700
1979					
Male	120,194	27,174	132,527	5,444	285,339
Female	23,163	3,265	10,659	1,499	38,586
Total	143,357	30,439	143,186	6,943	323,925
1978					
Male	119,435	27,592	112,918	5,340	265,285
Female	22,996	3,133	8,580	1,510	36,219
Total	142,431	30,725	121,498	6,850	301,504
1977					
Male	111,375	28,825	100,916	4,899	246,015
Female	20,424	3,192	7,500	1,296	32,412
Total	131,799	32,017	108,416	6,195	278,427
1976					
Male	108,484	26,341	95,070	5,023	234,918
Female	20,784	3,225	6,675	1,591	32,275
Total	129,268	29,566	101,745	6,614	267,193
1975					
Male	98,458	23,546	123,948	4,865	250,811
Female	18.130	2,674	9,072	1,169	31,045
Total	116,588	26,214	133,020	6,034	281,856
1974					
Male	87,755	25,496	127,295	4,414	244,960
Female	15,546	2,788	8,851	959	28,144
Total	103,301	28,284	136,146	5,373	273,104
1973					
Male	84,594	25,699	114,619	4,690	229,602
Female	14,654	3,068	7,930	971	26,623
Total	99,248	28,767	122,549	5,661	256,225

Source: Statistics Canada, *Crime and Traffic Enforcement Statistics*, (85-205).

Notes:
1. Traffic and related offences are not included.
2. Federal Statutes includes drug offences under the Narcotic Control Act and Food and Drug Act.
3. A Juvenile in Ontario is an individual who has not yet reached his or her sixteenth birthday.